

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

UTAH SECTION.

ALFRED H. THIESSEN, Section Director.

VOL. XVI. SALT LAKE CITY, UTAH, OCTOBER, 1914. No. 10.

GENERAL SUMMARY.

For the agricultural interests the weather during October was ideal. The temperature and precipitation were above normal, and there were plenty of clear days for outside work. The previous month was quite dry; fall grain had been planted, but had not germinated, and generally the land was too dry to plow. The October rains caused the grain to sprout and to soften the ground for plowing. It also crusted the ground on dry farms in places which had to be broken up with the harrow. Practically all the crops were gathered by the end of October, and in nearly all cases good yields were obtained. At a few places threshing was continued through the month, and was finished at its close. Stock was reported in good condition, and range feed was excellent.

The temperature for the State averaged 51.5° , or 2.2° above normal. It was the warmest October since 1907, whose average was just 1° higher. Although the afternoon temperatures were high, they were not exceptionally so. Almost every station reported maximum temperatures of 70° or over, and many of 80° or over. The lowest temperature for the State during this month was 16° , which is the highest October minimum since 1907. Of the 73 stations reporting temperatures, there were 14 whose lowest temperatures did not reach the freezing point.

Most of the precipitation for the month occurred during the first decade, but there were showers at a number of stations on the 17th, 21st, 22d and 23d. The State average was above normal, but a few stations reported a deficiency. The moisture was, however, well distributed and did an inestimable amount of good. Snow was reported at a few stations, the largest reported amount was 10 inches at Park City.

PRESSURE.

The monthly mean atmospheric pressure for the State, reduced to sea level, was 29.98 inches, obtained from data at Salt Lake City and Modena.

The highest was 30.34 inches at Salt Lake City on the 13th. The lowest was 29.52 inches at Salt Lake City on the 2d.

TEMPERATURE.

The monthly mean temperature for the State was 51.5° which is 2.2° above normal. The highest previous State mean was 52.5° , and the lowest was 44.8° .

The highest local monthly mean was 76.0° at Springdale; the next highest being 62.2° at Spanish Fork.

The lowest local monthly mean was 39.4° at Scofield.

The highest temperature was 90° at Springdale on the 1st. The lowest was 16° at Scofield on the 5th.

The State monthly range in temperature was 74° .

The greatest daily local range was 57° at Thistle on the 21st.

HUMIDITY.

At Salt Lake City the mean relative humidity at 6 a. m. was 67 per cent, at 6 p. m. 58 per cent, and the monthly average 62 per cent. At Modena at 6 a. m. it was 72 per cent, at 6 p. m. 54 per cent, and the monthly average 53 per cent.

PRECIPITATION.

The average precipitation for the State was 1.47 inches, or 0.40 inch above the normal. The greatest previous average for this month was 3.17 inches in 1912; and the least was 0.15 inch in 1891.

The greatest monthly amount was 3.87 inches at Lower Mill Creek.

The least monthly amount was none at Low and Springdale. The greatest amount in 24 hours was 1.67 inches at Santquin on the 3d.

The average snowfall, unmelted, was 0.3 inch.

The average number of rainy days, 0.01 inch or more, was 5.

WIND.

The prevailing direction of the wind for the State was from the south. The average velocity at Salt Lake City was 7.4 miles per hour; the highest 37 miles per hour from the east on the 24th; and the prevailing direction from the southeast. At Modena the average velocity was 9.9 miles per hour; the highest 50 miles per hour from the south on the 2d; and the prevailing direction from the west.

SUNSHINE AND CLOUDINESS.

The monthly percentage of possible sunshine was 63 at Salt Lake City, and 76 at Modena.

For the State the average number of clear days was 18, partly cloudy, 6, and cloudy, 7.

COMPARATIVE DATA FOR THIS MONTH.

Year.	Temperature.			Average precipitation. Rainy (0.01 inch or more).	Number of days			Prevailing wind.
	Mean.	Highest.	Lowest.		Clear.	Partly Cloudy.	Cloudy.	
1891	49.7	90	12	0.15	1			
1892	48.3	92	7	1.08	4			
1893	46.9	92	5	0.29	2	19	5	7 SW.
1894	49.8	94	9	0.47	3	19	7	5 SW.
1895	49.2	95	10	0.56	3	22	5	4 SW.
1896	51.0	94	13	1.61	3	19	7	5 SW.
1897	47.8	86	7	2.18	8	13	8	10 SW.
1898	47.0	90	3	0.67	3	20	7	4 SW.
1899	45.6	96	9	1.50	5	14	8	9 SW.
1900	48.9	95	-1	0.87	5	18	7	6 SW.
1901	51.7	93	5	1.04	4	18	7	6 SW.
1902	50.0	91	8	0.28	2	21	6	4 SW.
1903	50.3	97	6	0.89	3	24	3	4 N.
1904	48.7	97	7	0.92	3	23	5	3 W.
1905	45.4	99	0	0.36	2	24	4	3 SW.
1906	48.4	98	6	0.34	2	21	5	5 N.
1907	52.5	90	17	1.45	6	13	10	8 SW.
1908	44.8	91	-5	2.22	6	17	5	9 SW.
1909	50.8	91	6	0.42	2	19	8	4 SW.
1910	49.7	96	8	1.51	5	19	6	6 N.
1911	45.2	89	4	1.08	3	21	6	4 N.
1912	46.9	85	9	3.17	8	13	2	11 S.
1913	45.5	87	5	0.67	3	17	7	7 N.
1914	51.5	90	16	1.47	5	18	6	7 S.

GREAT SALT LAKE WATER LEVEL RECORDS AT SALTAIR.

(Feet and tenths.)

Zero of gage is 4,212.9 feet above sea level.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year.
1914	+5.0	+5.4	+5.7	+5.9	+6.2	+6.4	+6.7	+6.2	+5.9	+5.5			

1st +5.0 +5.4 +5.7 +5.9 +6.2 +6.4 +6.7 +6.2 +5.9 +5.5

15th +5.1 +5.5 +5.8 +6.0 +6.3 +6.7 +6.6 +6.4 +5.6 +5.6

CLIMATOLOGICAL DATA: UTAH SECTION

OCTOBER, 1914.

Climatological Data for October, 1914.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.				Precipitation, inches.				Number of days	Prevailing direction of wind.	Observers.				
				Mean.	Departure from the normal.	Highest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total Snowfall, unmodified.	With precipitation one inch or more.	Clear.	Partly cloudy.	Cloudy.		
Beaver.....	Beaver.....	6,000	9	51.0		80	1	21	29	51	0.55 -0.63	0.29	0	2	17	7	7	Clyde Messinger.
Black Rock.....	Millard.....	4,872	9	51.0														Agent Salt Lake Route.
Bluff.....	San Juan.....	4,200	1	54.0		76	2	35	12	38	1.59	0.66	0	5				H. H. Redd.
Brigham City.....	Boxelder.....	4,305	1	54.0		72	30	20	51	51	0.65	0.55	0	2				N. Merrill Valentine.
Burrville.....	Sevier.....	6,800	2	44.4		72	30	20	51	51	1.05 +0.25	0.45	0	3	26	2	3	F. R. Curtis.
Castle Dale.....	Emery.....	5,500	14	44.4	51.9 +4.5	82	1	29	12	47	1.05 +0.25	0.45	0	3				Miss Fay Jeffs.
Cedar City.....	Iron.....	5,750	8	42.6		73	19	27	4	41	0.51	0.30	0	2	12	6	3	Parley Dally.
Center.....	Tooele.....	4,250	2	52.4		79	8	23	4	53	1.22	0.66	0	4	18	10	3	L. C. Peterson.
Corinne.....	Boxelder.....	4,240	43	49.8 -1.4		75	17	30	71	39	1.03 -0.07	0.53	0	2	17	6	8	A. C. Murphy.
Deseret.....	Millard.....	4,541	2	52.4 +3.3		80	2	22	4	49	0.49 -0.16	0.27	0	3	20	2	9	S. W. Western.
Dragon (near).....	Uinta.....	6,210	3	51.4		74 ^a	15 ^b	28 ^c	14	40 ^d	0.77	0.26	0	7	20 ^e	9 ^f	4 ^g	Homer D. Ford.
Duchesne.....	Duchesne.....	6,500	6	46.6		78	2	24	5	40	1.04	0.55	0	4	13	10	8	M. M. Smith.
East Portal.....	Wasatch.....	7,600	1	40.7		64	25	29 ⁱ	12 ^j	41 ^k	2.74	1.10	2	7	18	8	5	Reclamation Service.
Elberta.....	Utah.....	4,650	11	52.8 +2.6	80	1	30	12	38	1.66 +0.74	0.82	0	5	20	8	3	D. C. Walker.	
Emery.....	Emery.....	6,200	12	49.0 +3.1	75	5	27	14	44	0.35 -0.25	0.35	0	1	5	0	26	H. C. Wickham.	
Farmington.....	Garfield.....	5,700	10														Chas. Boylin.	
Fillmore.....	Davis.....	4,265	12	52.0 +2.4	76	2	33	12	32	2.57 +1.09	0.68	T.	7	25	2	4	J. J. Starley.	
Pt. Duchesne.....	Millard.....	5,100	21	54.6 +2.0	78	1	31	4 ⁱ	38	1.43 +0.31	0.84	0	5				Geo. W. Dickson.	
Fruitland.....	Uinta.....	4,941	25	48.8 +2.1	77	20	28	3 ⁱ	46	0.83 +0.25	0.37	0	6	19	10	2	E. L. Carey.	
Garland.....	Duchesne.....	6,725	3	54.9 +1.1	85 ^o	1	20 ^p	26	54 ^q	1.53	1.18	0	2				Heber C. Cutler.	
Garrison.....	Boxelder.....	4,248	1														E. M. Smith.	
Government Creek.....	Millard.....	4,850	9														Walter James.	
Grayson.....	Tooele.....	5,277	12	52.2 +3.3	76	1	29	4	34	1.51 +0.60	0.73	0.5	6	18	9	4	E. F. Thompson.	
Green River.....	San Juan.....	6,000	6	50.4		70	1	31	3 ⁱ	31	2.99	1.65	0	7	16	4	11	E. E. Adams.
Hanksville.....	Emery.....	4,080	13	53.6 +0.9	79	17 ^t	26	5	50	0.28 -0.25	0.12	0	5	21	8	2	F. J. Weber.	
Heber.....	Wasatch.....	5,593	20	48.0 +2.9	74	7	28	13	49								John Crook.	
Henefer.....	Summit.....	5,301	13	48.7 +3.7	77	1	25	12 ⁱ	48	2.32 +1.98	0.55	0	9	13	8	10	Wm. Brewer.	
Ibapah.....	Tooele.....	7,500	8	48.6		77	1	20	26	50	0.52	0.25	0	4	22	6	3	W. M. Chastain.
Iosepa.....	Kane.....	4,356	2	52.0		80	4	28	1	42	2.13	1.29	0	7	24	1	6	James K. Halemann.
Kelton.....	Boxelder.....	4,230	33	50.0 +1.0	79	7	28										D. D. Rust.	
La Sal.....	San Juan.....	7,000	10														F. W. Klock.	
Leeds (Echo Farm).....	Washington.....	3,400	1	60.6		81	1	40	4	35	0.60	0.60	0	1	21	2	8	Mrs. Gertrude W. Carpenter.
Lehi.....	Lehi.....	4,550	5	52.4		83	1	30	44	44	2.52	1.47	0	5	20	5	6	B. F. Anderson.
Lemay.....	Boxelder.....	4,221	2	59.8		84	6	36	44	32	0.31	0.31	0	1	16	12	3	Joseph Anderson.
Lavan.....	Juab.....	5,010	23	50.2 +2.9	75	2	28	5	40	1.81	0.56	0.35	T.	6	14	11	6	Ast. Southern Pacific Co.
Logan.....	Tooele.....	4,507	22	51.8 +2.1	73	1	34	12	31	2.21	+0.84	1.05	0	6	21	10	0	Wm. Brown.
Lower Mill Creek.....	Salt Lake.....	4,602	2	56.4		81	34	28	37	53	0.00	0.00	0	6	14	7	10	Experiment Station.
Lucin.....	Boxelder.....	4,504	6	56.5		76	14	33	4	36	3.87	1.20	T.	8	13	7	11	Ast. Western Pacific Co.
Manilla.....	Sanpete.....	6,225	3	46.0		71	1	25	6	42	2.10	0.85	0	2	15	10	6	D. Folker.
Manti.....	Plute.....	5,575	18	49.5 +1.9	75	3	25	5	40	1.32	+0.32	0.64	0	6	13	3	15	E. C. Puryear.
Marysville.....	Rich.....	6,180	13														D. M. Nelson.	
Meadowville.....	Boxelder.....	6,200	12	45.4 +2.3	72	2	22	12	35	1.31	-0.09	1.00	1.0	4	19	9	3	J. M. Anderson.
Midlake.....	Carbon.....	4,235	2	55.9		72	42	47	97	27	0.60	0.60	0	1	18	2	11	Late King.
Midvale.....	Beaver.....	4,305	1	54.0		81	1	30	137	42	2.36	0.88	0	6	16	7	8	J. S. Moffat.
Millford.....	Grand.....	4,902	5	49.4		76	1	19	12	52	0.87	0.42	0	4	22	2	6	Stella M. Gibson.
Moss.....	Iron.....	4,000	23	55.4 +1.9	92	1	30	10	44	1.66	+0.82	0.66	0	10	21	6	4	E. D. Camomille.
Modena.....	Millard.....	5,479	12	49.9 -0.2	73	1	29	5	41	0.30	-0.52	0.26	0	3	18	10	3	Agent Salt Lake Route.
Monticello.....	San Juan.....	7,050	5	44.6 -0.2	73	1	29	5	31	3.25	-0.90	0	9	19 ^m	3 ⁿ	3 ^o	Henry Crouse.	
Morgan.....	Morgan.....	5,988	8	61.2		80	15	28	29	45	1.15	0.55	0	4	11	10	sw.	U. S. Weather Bureau.
Moroni.....	Sanpete.....	6,000	5	63.0		73	17	30	5	35	1.73	1.09	0.5	2	27	2	2	E. H. Barton.
Mosida.....	Utah.....	4,510	1	51.6		81	1	30	47	39	1.67	0.68	0	3	24	3	4	E. O. Kingston.
Mountain Home.....	Duchesne.....	6,000	1														B. F. Ellison.	
Nephil (near).....	Juab.....	5,119	8	50.7		75	1	28	11	38	1.35	1.01	0	4	17	10	4	Oscar Wilkins.
Oak City.....	Millard.....	4,900	6	55.7		75	20	33 ⁱ	11	36 ⁱ	1.38	1.06	0	4	16	4 ⁱ	5 ⁱ	A. D. Ellison.
Orden.....	Weber.....	4,310	42	52.4 +0.9	78	1	30	22	42	2.38	+1.06	0.85	0	9	20	5	6	Jos. L. Anderson.
Panguitch.....	Garfield.....	6,660	1	43.7	65	24	21	15 ^b	43	21	0.21	0.13	0	2	27	2	2	Ralph Shorten.
Park City.....	Summit.....	7,000	8	46.6 +1.1	72	1	24	12	38	3.08	-0.87	10.0	0	9	18	2	11	H. L. Strempel.
Parowan.....	Iron.....	5,970	22	51.8 +2.9	73	14	29	5	38	0.65	-0.35	0.33	0	5	21	4	6	Rev. Hoyt Hendrie.
Pine View.....	Washington.....	5,635	15															Alex Matheson.
Plinto.....	Carbon.....	5,657	2	50.6		70	14	27	5	36	0.56	0.25	0	4	23	5	3	Grainville Deming.
Price.....	Tooele.....	4,582	19	51.6 +2.6	76	13	29	55	46	2.70	+1.46	1.57	0	3	15	10	6	J. H. Harrison.
Provo.....	Kane.....	6,700	11	46.2 +0.8	68	12 ⁱ	25	17	42	1.57	-0.18	1.10	0	4	25	4	2	Boy Barker.
Ranch.....	Sevier.....	5,350	19	52.3 +4.4	78	19 ⁱ	26	12	48	0.52	-0.29	0.50	0	2	21	6	4	Reclamation Service.
Richfield.....	Weber.....	4,310	4	52.8		75	32	3	37	2.11	-0.67	0	9	18	6	7	J. W. Seaman.	
Riverville.....	Washington.....	2,880	26														Simon Christensen.	
Saint George.....	Iron.....	5,209	1	50.8		79	16	26	29 ⁱ	51	0.53	0.41	0	2	27	2	2	Eugene Bone.
Sahart.....	Salt Lake.....	4,220	9	54.2		75	24	38	4	35	2.52	0.85	0	6				John Tobler.
Saltair.....	Salt Lake.....	4,360	39	55.8 +3.6	76	1	35	4	27	2.61	+1.21	0.72	0	8	14	7	10	Earl Markwith.
SALT LAKE CITY.....	Utah.....	5,250	16	52.6		75	15	31	12	38	3.02	1.67	0	3	17	9	5	E. J. Bench.
Santaquin.....	Millard.....	5,260	18	52.1 +7.2	77	16	25	12	46	2.01	+0.62	1.51	0	5	17	3	11	U. S. Weather Bureau.
Scipio.....	Carbon.....	7,625	4	39.4		74	1	16	5	50	2.65	1.00	T.	7	23	0	8	Wm. Broadbent.
Scotfield.....	Wasatch.....	5,950	1	47.8		70	15	27	12	38	3.40	0.97	0	6	10	15	8	Thos. Memmott.
Snake Creek.....	Boxelder.....																B. Newren.	
Snowville.....	Utah.....																J. W. Orrock.	
Spanish Fork.....	Washington.....	4,585	4	62.2		78	2	34	5	39	2.71							

Daily Precipitation for October, 1914.

CLIMATOLOGICAL DATA: UTAH SECTION

OCTOBER, 1914.

Daily Temperatures for October, 1914.

Stations.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean	
Black Rock.....	Maximum 80	77	67	58	68	70	72	66	61	73	68	72	70	72	75	73	74	75	75	71	58	68	67	70	75	78	74	71	68	70	70.5		
	Minimum 41	47	39	26	25	32	33	44	31	31	24	33	27	30	24	21	37	49	34	37	30	39	35	28	26	23	21	33	23	31.6			
Burrville.....	Maximum 64	62	55	60	63	59	59	57	65	63	65	60	59	65	66	60	59	50	50	55	61	60	65	65	60	56	56	21	29	26.9			
Castle Dale.....	Maximum 82	75	68	70	69	72	70	75	73	70	75	68	78	72	69	72	75	73	70	75	70	73	70	73	73	73	73	70	71	71	71.5		
Corinne.....	Maximum 75	76	69	65	68	55	58	62	55	58	57	62	65	69	65	63	65	68	62	65	63	62	65	66	64	62	60	59	51	61.5			
Deseret.....	Maximum 40	45	37	38	40	35	30	35	39	35	36	39	35	38	38	30	40	34	32	35	38	36	32	39	38	39	35	31	31	31	31.5		
Dragon.....	Maximum 79	80	77	47	58	76	70	71	68	72	67	68	71	74	74	76	78	77	73	76	74	76	66	69	77	74	71	68	70	65	65.5		
	Minimum 48	50	42	22	25	27	40	38	36	35	35	29	30	34	30	30	27	34	52	35	36	34	37	29	30	27	32	32	33	32	32	32	
Duchesne.....	Maximum 65	78	59	52	59	66	54	60	60	59	61	59	60	61	63	61	60	66	67	58	59	61	57	62	64	66	73	63	65	65	65.8		
Elberta.....	Maximum 80	76	71	54	63	68	63	65	70	65	61	63	64	72	76	69	73	73	70	63	64	66	65	63	62	65	66	66	66	66	66	66	
Emery.....	Maximum 70	71	73	71	75	73	70	72	70	68	72	73	71	65	64	61	60	62	66	66	61	60	62	63	63	62	63	63	63	63	63	63	
Fruitland.....	Maximum 30	32	35	30	31	32	30	31	30	31	31	34	35	30	27	30	32	35	32	33	30	35	32	33	31	34	33	34	33	34	33	34	
Government Creek.....	Maximum 76	73	66	52	60	64	58	59	58	65	57	60	64	67	70	69	72	65	68	70	63	55	61	59	62	66	65	65	65	65	65	65	
Grayson.....	Maximum 47	46	29	31	43	44	43	41	40	37	41	36	38	39	39	47	49	42	44	43	40	35	35	37	43	43	40	40	40	40	40	40	
Green River.....	Maximum 70	65	56	58	61	62	62	64	65	67	66	64	63	67	66	66	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	
Henefer.....	Maximum 77	67	50	52	59	52	52	58	53	55	55	63	68	71	76	73	69	59	71	74	69	65	56	64	62	67	65	65	65	65	65	65	
Ibapah.....	Maximum 77	74	67	57	66	68	60	63	62	60	57	64	69	70	74	75	75	68	72	74	68	56	60	61	68	69	74	73	71	68	67	67.9	
Kanab.....	Minimum 36	41	35	22	21	35	35	35	32	35	29	22	24	24	21	27	48	48	34	40	36	34	21	22	21	20	26	29	25	21	24	29.9	
Kelton.....	Maximum 75	72	60	62	64	68	79	56	55	58	59	59	64	68	70	78	69	70	58	67	75	65	57	66	68	72	75	70	71	71	71	71	
Le Sal.....	Minimum 35	34	30	30	32	33	30	30	36	30	35	30	28	33	30	30	35	30	35	30	35	30	32	31	32	33	32	32	32	32	32	32	
Leeds (near) W.....	Maximum 81	80	65	64	72	75	71	76	77	75	70	76	78	79	76	77	74	76	77	76	68	65	70	75	76	72	71	72	71	74	71.7		
Lemay.....	Minimum 60	50	50	40	43	44	49	47	47	50	50	54	52	46	47	44	53	47	49	47	42	43	45	40	35	35	37	43	43	42	42	42	
Levan.....	Maximum 77	71	76	64	62	84	65	61	65	62	62	64	67	66	64	63	67	66	65	65	60	59	61	62	61	61	60	61	61	61	61	61	
Logan.....	Maximum 74	75	62	49	58	65	59	61	53	64	57	60	63	65	68	67	70	66	69	70	56	55	61	65	66	66	65	65	65	65	65	65	
Manti.....	Maximum 51	52	37	35	38	43	40	39	38	36	35	34	41	42	40	42	49	48	43	41	37	38	36	42	42	42	42	42	42	42	42	42	
Low.....	Maximum 78	80	81	74	69	60	69	81	60	68	70	74	75	76	77	76	77	76	76	77	76	75	75	75	75	75	75	75	75	75	75	75	
Lucin.....	Minimum 42	38	28	36	35	38	36	28	30	25	35	42	40	40	41	40	42	42	42	42	41	39	38	41	35	37	37	37	37	37	37	37	37
Manila.....	Maximum 88	89	80	78	80	82	80	82	82	82	84	82	80	82	82	82	83	82	82	83	82	82	82	82	82	82	82	82	82	82	82	82	
Modena.....	Maximum 71	50	50	52	53	55	48	59	50	50	59	60	50	50	55	55	68	70	65	63	60	62	61	60	65	66	66	66	66	66	66	66	
Manti.....	Maximum 51	52	37	35	38	43	40	39	38	36	35	34	31	41	42	40	42	49	48	43	41	37	38	36	32	42	42	42	42	42	42		
Meadowville.....	Maximum 70	72	58	46	46	50	50	53	51	51	52	54	61	61	65	62	65	57	55	59	61	51	59	43	43	43	43	43	43	43	43	43	43
Milford.....	Maximum 76	72	65	65	65	68	69	64	62	63	66	63	66	61	71	72	73	73	73	61	70	65	65	65	65	65	65	65	65	65	65	65	
Moab.....	Maximum 49	49	40	28	30	31	43	45	28	26	27	19	21	22	26	22	21	33	42	28	30	32	32	32	32	32	32	32	32	32	32		
Modena.....	Maximum 49	52	57	33	43	45	46	43	30	40	46	40	37	34	35	36	40	39	40	39	40	36	41	45	37	35	35	35	35	35	35	35	35
Monticello.....	Maximum 44	42	32	29	29	33	47	40	33	32	33	31	33	32	31	32	33	34	35	37	36	35	37	36	35	35	35	35	35	35	35	35	
Moroni.....	Maximum 43	46	46	29	28	32	34	39	32	37	36	35	34	35	37	36	35	34	35	37	36	35	37	36	35	35	35	35	35	35	35	35	
Mosida.....	Maximum 78	81	61	55	61	71	64	60	51	53	64	50	67	72	69	69	71	66	67	68	67	65	65	65	65	65	65	65	65	65	65	65	
Ogden W.....	Maximum 46	42	34	30	37	51	47	46	34	33	34	33	34	33	34	33	34	33	34	33	34	33	34	33	34	33	34	33	34	33	34	33	
Panguitch.....	Maximum 53	59	36	31	41	46	41	41	35	38	31	34	36	38	40	47	35	35	41	34	31	30	30	30	30	30	30	30	30	30	30	30	
Park City.....	Maximum 26	24	24	25	27	28	30	27	25	26	28	20	27	25	21	27	22	35	26	24	21	22	25	26	21	21	21	21	21	21	21	21	21
Parowan.....	Maximum 48	43	31	26	30	31	35	36	32	32	34	23	28	33	31	31	32	38	36	35	39	35	36	36	37	36	37	36	37	36	37	36.5	
Pinto.....	Maximum 45	44	39	32	28	30	48	38	33	32	33	36	34	33	36	38	36	38	36	37	38	36	35	35	35	35	35	35	35	35	35	35	
Provo.....	Maximum 76	74	76	70	62	68	68	60	59	63	70	68	72	73	70	71	70	74	76	74	70	67	71	72	74	71	70	72	70	70	70.2		
Riverton.....	Minimum 35	35	38	33	29	33	38	36	42	37	34	33	34	34	32	33	31	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30.9	
Richtfield.....	Maximum 66	65	69	70	76	71	65	64	60	71	62	68	69	71	76	77	76	78	78	75	58	58	60	65	73	73	71	71	71	71	71.8		
Sabara.....	Maximum 49	45	47	50	48	45	48	48	50	58	57	61	66	67	66	66	66	66	66	66	65	65	65	65	65	65	65	65	65	65	65		
St. George W.....	Maximum 76	75	64	59	60	61	57	60	58	65	60	62	70	72	72	60	71	73	71	69	65	67	67	64	65	65	65	65	65	65	65	65	65
SALT LAKE CITY.....	Maximum 57	55	56	50	52	47	45	46	42	40	45	46	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	
Scottdale.....	Maximum 74	57	64	41	45	55	48	53	51	54	55	58	59	60	58	61	63	65	64	61	59	59	62	63	63	63	63	63	63	63	63	63	
Standrod.....	Maximum 43	32	30	23	26	28	33	30	24	20	19																						

¶ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day on which it almost always occurs.

CLIMATOLOGICAL DATA: UTAH SECTION

OCTOBER, 1914.

Daily Precipitation for October, 1914.—Continued.

Stations.	Day of month.																										Total.					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Scipio																															2.61	
Scipio (near)																															0.15	
Scofield	.40	.30	.88																		T.	.15									2.66	
Silver City																																0.01
Smyths																																0.01
Snake Creek	.09	.64	.92																													2.49
Snowville																																0.18
Spanish Fork	.04																															2.71
Springdale																																0.00
Standrod		T.	.06																													1.30
Sunnyside		(C)																														0.11
Teasdale		(C)																														2.32
Thistle	.06																															0.00
Thompson's		(C)																														0.00
Tooele																																0.00
Tremonton			.01	.01	.17																										0.52	
Tropic		(C)																														0.81
Trout Creek Ranger		(C)																														3.00
University of Utah																																2.62
Vernal		(C)																														1.32
Vernon																																0.82
Victor		(C)																														0.45
Wendover																																1.20
Whiskey Creek																																0.00
White Rocks		(C)																														0.00
Winder																																0.00
Woodruff																																0.00
Woodside		(C)																														0.00

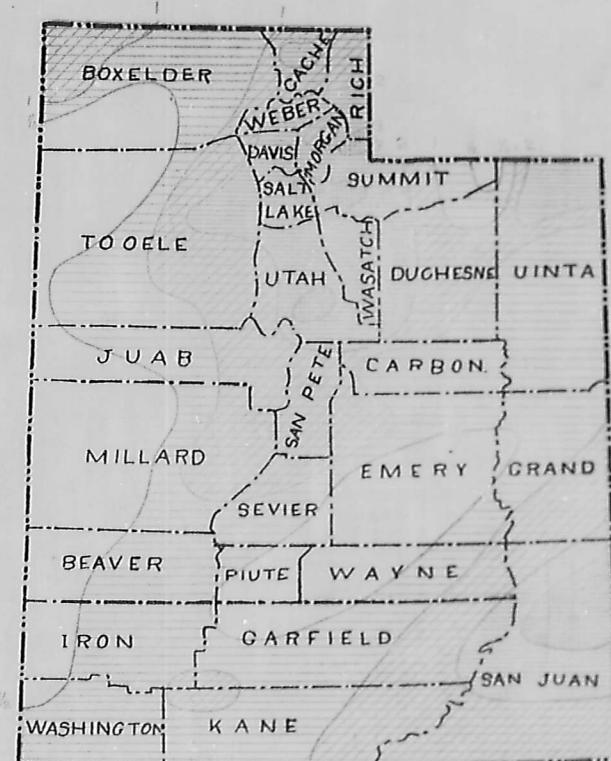
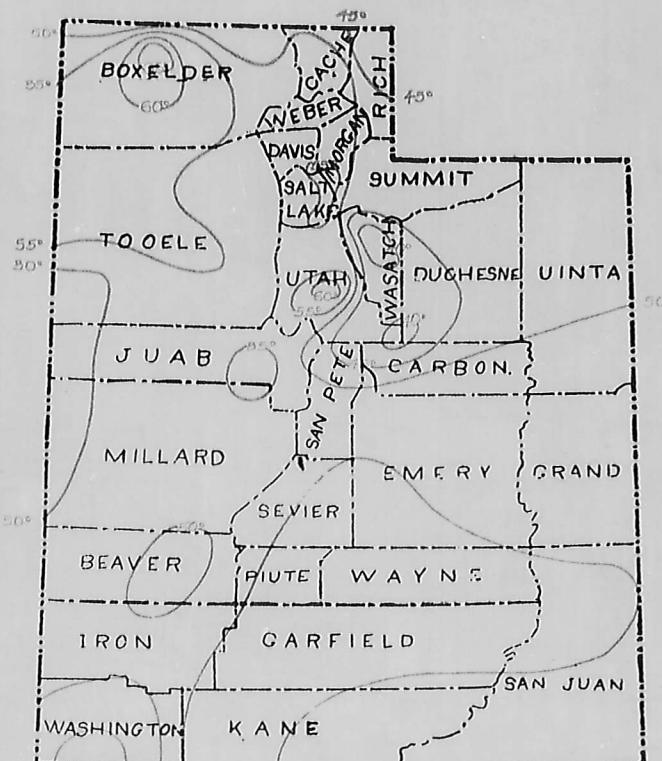
* Precipitation included in the next following measurement. † Separate dates of falls not recorded. T. Indicates Trace, or less than 0.01 inch of rain or melted snow. Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation.

** Precipitation measured in the morning; amount then recorded is for the preceding 24 hours.

All stations are in the Great Basin except those marked (C) which are in the Colorado River drainage area.

Mean Temperature, October, 1914.

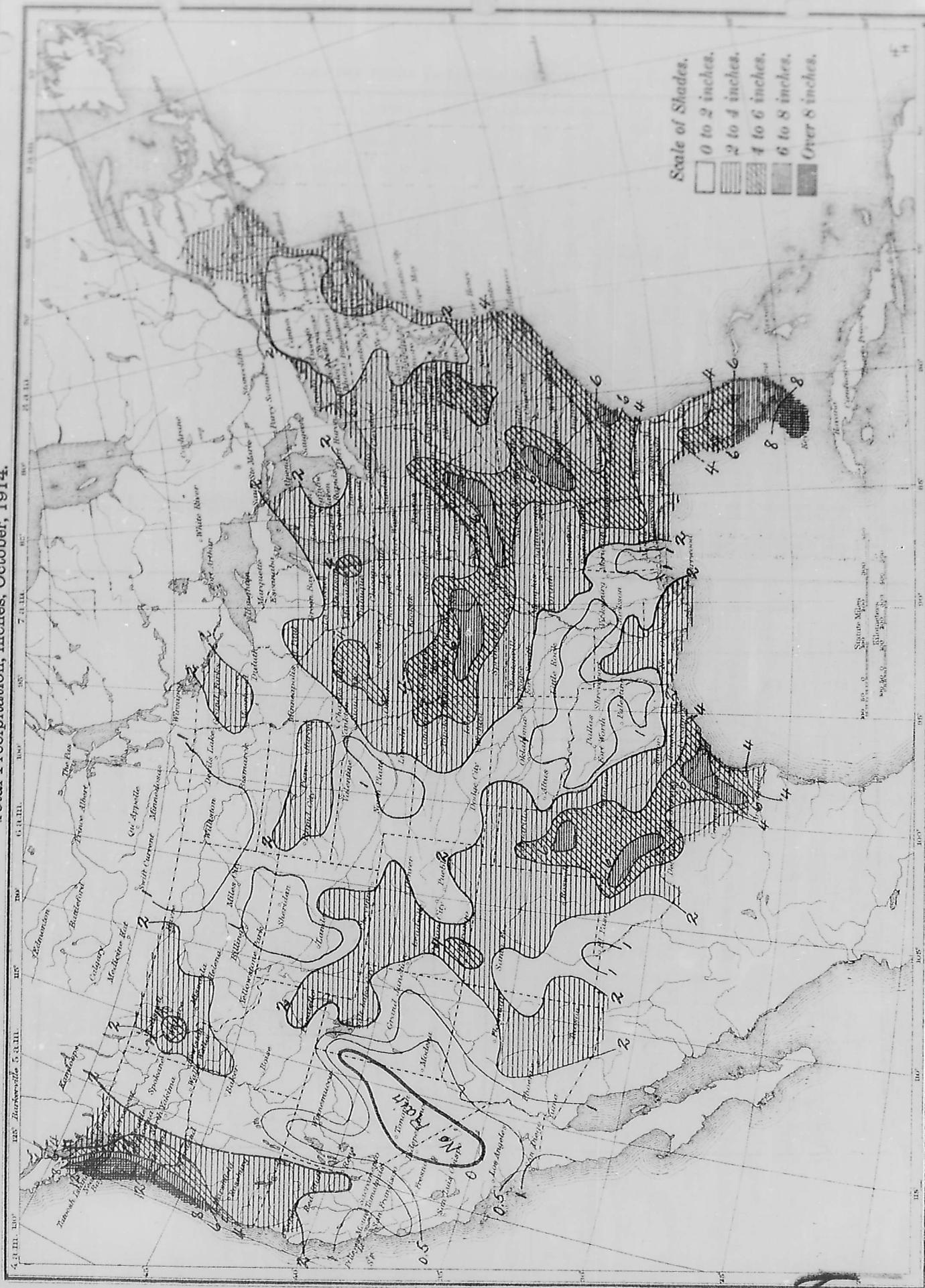
Total Precipitation, inches, October, 1914.



SCALE OF SHADES—IN INCHES.

Less than 1.0	1.0 to 1.2	1.2 to 1.5	1.5 to 2.0	2.0 to 2.5	Over 2.5
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Total Precipitation, inches, October, 1914.



U. S. DEPARTMENT OF AGRICULTURE
WEATHER BUREAU
CHARLES F. MARVIN, CHIEF

CLIMATOLOGICAL DATA

UTAH SECTION

NOVEMBER, 1914

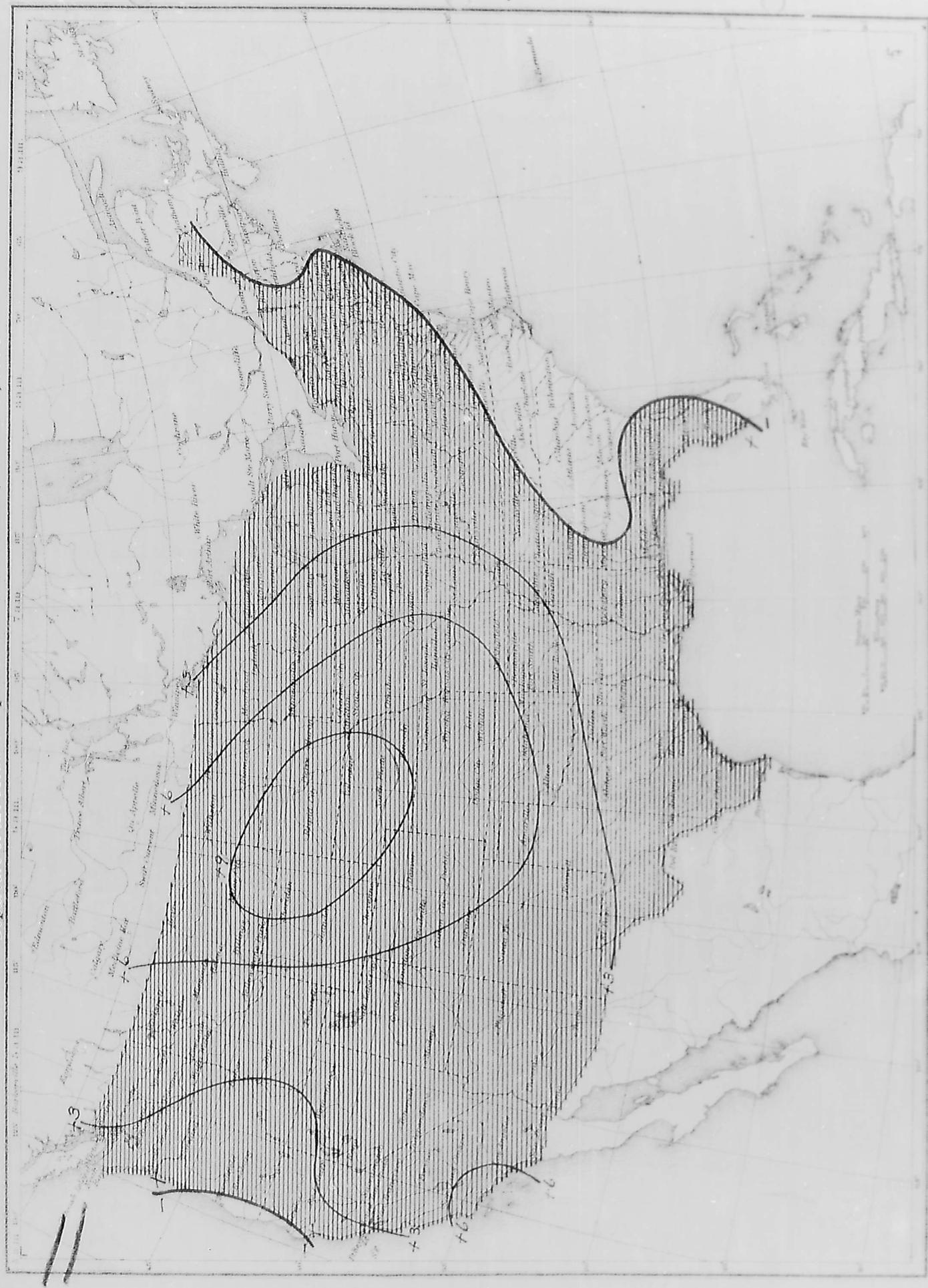
BY
ALFRED H. THIESSEN
SECTION DIRECTOR



SALT LAKE CITY, UTAH
WEATHER BUREAU OFFICE
DECEMBER 17, 1914.

10

Departure of the Mean Temperature from the Normal, November, 1917



NOVEMBER, 1914.

CLIMATOLOGICAL DATA: UTAH SECTION.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

UTAH SECTION.

ALFRED H. THIESSEN, Section Director.

VOL. XVI. SALT LAKE CITY, UTAH, NOVEMBER, 1914. No. 11.

GENERAL SUMMARY.

The temperature during November was somewhat above normal, but was not so high as that of last year. The precipitation was much below normal. In November, 1904, an average of only a trace of rain fell in Utah; but during the present November the average was 0.12 inch, making it the second driest November on record. In some places plowing was continued up to the 26th when precipitation occurred, but in other places very little of this work was done as the ground was too dry to break up. Grain was sown and watered at Deseret, but in most places the soil conditions precluded activity along these lines. Good feed was reported along the ranges.

The temperature for the State was 1.1° above normal, and the extremes were moderate at all stations. The highest temperatures occurred during the first decade, and the lowest on the 15th, 16th, and from the 20th to the 23d. All stations reported minimum temperatures below freezing, and a few below zero.

Precipitation fell for the most part from the 28th to the 30th. There were 38 stations that reported no rain or only a trace, and every station having a record of 10 years or more reported monthly amounts much below normal. Snowfall in the mountains was very light, and many observers reported the lightest ever known. As the late fall and early winter snow is supposed to be the best for late keeping, the outlook for late summer water was poor at the end of the month.

PRESSURE.

The monthly mean atmospheric pressure for the State, reduced to sea level, was 30.17 inches, obtained from data at Salt Lake City and Modena.

The highest was 30.65 inches at Salt Lake City on the 19th. The lowest was 29.70 inches at Salt Lake City on the 13th.

TEMPERATURE.

The monthly mean temperature for the State was 38.9° which is 1.1° above normal. The highest previous State mean was 42.0° , and the lowest was 32.7° .

The highest local monthly mean was 51.6° at Leeds; the next highest being 46.4° at Kanab.

The lowest local monthly mean was 31.8° at Scofield.

The highest temperature was 85° at Low on the 12th and 14th. The lowest was -5° at Scofield on the 20th and at Black Rock and Ibapah on the 22d.

The State monthly range in temperature was 90° .

The greatest daily local range was 66° at Scipio on the 22d.

HUMIDITY.

At Salt Lake City the mean relative humidity at 6 a. m. was 64 per cent, at 6 p. m. 49 per cent, and the monthly average 56 per cent. At Modena at 6 a. m. it was 59 per cent, at 6 p. m. 22 per cent, and the monthly average 40 per cent.

PRECIPITATION.

The average precipitation for the State was 0.12 inch, or 0.82 inch below the normal. The greatest previous average for this month was 2.37 inches in 1909; and the least was a trace in 1904.

The greatest monthly amount was 0.59 inch at Lower Mill Creek.

The least monthly amount was none at 26 stations.

The greatest amount in 24 hours was 0.53 inch at Kanosh on the 29th.

The average snowfall, unmelted, was 0.7 inch.

The average number of rainy days, 0.01 inch or more, was 1.

WIND.

The prevailing direction of the wind for the State was from the north. The average velocity at Salt Lake City was 5.3 miles per hour; the highest 34 miles per hour from the northwest on the 13th; and the prevailing direction from the southeast. At Modena the average velocity was 8.4 miles per hour; the highest 34 miles per hour from the southwest on the 28th; and the prevailing direction from the southwest.

SUNSHINE AND CLOUDINESS.

The monthly percentage of possible sunshine was 83 at Salt Lake City, and 85 at Modena.

For the State the average number of clear days was 23, partly cloudy, 4, and cloudy, 3.

COMPARATIVE DATA FOR THIS MONTH.

Year.	Temperature.			Average precipitation. Rainy (0.01 inch or more).	Number of days						Prevailing wind.
	Mean.	Highest.	Lowest.		Clear.	Partly Cloudy.	Cloudy.	S.E.	N.	W.	
1891	41.1	89	6	0.21	2	10	9	9	5	10	w
1892	36.7	76	-6	0.30	1	11	10	9	5	10	sw
1893	34.4	86	-16	0.83	6	22	16	8	6	10	sw
1894	40.0	82	-9	0.65	0	13	7	8	5	10	sw
1895	32.7	75	-24	1.47	5	13	7	8	5	10	sw
1896	33.4	78	-20	1.23	6	12	9	9	5	10	sw
1897	39.3	78	-1	0.96	4	15	8	8	5	10	sw
1898	35.7	82	-8	0.96	5	16	8	6	4	10	sw
1899	40.5	82	-3	0.70	3	17	7	7	4	10	sw
1900	40.1	80	1	1.51	5	16	6	8	4	10	sw
1901	41.3	76	0	0.29	2	18	8	4	2	10	n
1902	36.9	81	-13	1.78	5	13	5	5	2	10	n
1903	39.1	80	-19	0.73	2	15	8	7	3	10	n
1904	39.4	83	0	T.	0	25	22	2	10	10	n
1905	37.9	79	-11	1.53	5	16	6	9	4	10	sw
1906	36.1	90	-18	1.81	7	10	8	8	4	12	w
1907	37.4	79	-8	0.34	2	19	6	5	2	10	n
1908	36.0	78	-14	0.62	2	18	6	6	3	10	nw
1909	40.0	87	-11	2.37	6	10	7	7	3	13	s
1910	42.0	83	-3	0.78	4	13	8	9	4	10	sw
1911	34.1	79	-20	0.65	3	15	7	8	4	10	n
1912	37.6	75	-6	0.79	4	17	6	7	3	10	s
1913	39.6	80	-17	1.70	6	11	8	11	5	10	sw
1914	38.9	85	-5	0.12	1	23	4	3	2	10	n

GREAT SALT LAKE WATER LEVEL RECORDS AT SALT AIR.

(Feet and tenths.)

Zero of gage is 4,212.9 feet above sea level.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
1914.	+5.0	+5.4	+5.7	+5.9	+6.2	+6.4	+6.7	+6.2	+5.9	+5.5	+5.6	+5.6	
	+5.1	+5.5	+5.8	+6.0	+6.3	+6.7	+6.6	+5.9	+5.6	+5.6	+5.6	+5.6	

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CLIMATOLOGICAL DATA: UTAH SECTION

NOVEMBER, 1914.

Climatological Data for November, 1914.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.				Precipitation, inches.			Number of days	Observers.								
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.			Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall unmeted.	With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.	Precipitating direction of wind.
Beaver.	Beaver.	6,000	9	35.8	-	74	4	-5	22	58	0.00	-0.62	0.00	0	0	23	2	5		
Black Rock.	Millard.	4,872	9	35.8	-	74	4	-5	22	58	0.00	-0.62	0.00	0	0	24	0	6		
Bluff.	San Juan.	4,200	1	39.8	-	76	1	16	21 ^a	45	0.00	-0.00	0.00	0	0	24				
Brigham City.	Boxelder.	4,395	1	42.3	-	73	5	16	22	40	0.17	-0.17	0.17	1						
Burville.	Sevier.	6,800	2	34.5	-	62	4	3	19	52	0.00	-0.00	0.00	0	0					
Castle Dale.	Emery.	5,500	14	41.4 + 7.1	-	78	2	10	21	47	0.00	-0.75	0.00	0	0	28	2	0		
Cedar City.	Iron.	5,750	8	43.0	-	71	4	13	15	44	0.16	-0.16	0.16	1.0	1	26	2	2	sw.	
Center.	Tooele.	4,250	2	34.9	-	71	4	13	15	44	0.16	-0.16	0.16	1.0	1	27	2	1		
Corinne.	Boxelder.	4,240	43	31.6 - 2.7	-	65	7	8	21	40	0.00	-1.03	0.00	0	0	21	4	5		
Deseret.	Millard.	4,541	18	38.2 + 1.0	-	79	7	3	20 ^b	60	0.02	-0.46	0.02	0	1	24	4	2	n.	
Dragon (near).	Uinta.	6,210	3	40.6	-	68	3	12	15	46	0.00	-0.00	0.00	0	0	30	0	0	s.	
Duchesne.	Duchesne.	5,500	6	33.1	-	64	2	0	22	45	0.01	-0.01	0.01	T.	1	21	9	0		
East Portal.	Wasatch.	7,650	1	32.1	-	62	4	5	15 ^b	50	0.23	-0.12	0.50	3	24	5	1			
Elberta.	Utah.	4,650	11	38.0 - 0.8	-	71	1	11	15 ^b	39	0.03	-0.61	0.02	0	0	24	5	1	n.	
Emery.	Emery.	6,200	12	36.6 - 0.7	-	62	14	10	10 ^b	62	T.	-0.38	T.	0	0	21	3	6	s.	
Escalante.	Garfield.	5,700	10	32.1	-	66	1	10	15 ^b	44	0.00	-0.00	0.00							
Farmington.	Davis.	4,268	12	38.0 - 1.5	-	67	5	19	20	33	0.40	-1.11	0.15	1.0	3	26	2	2	n.	
Fillmore.	Millard.	5,100	21	42.6 + 0.7	-	74	1	15	15	41	0.46	-0.50	0.46	0	1	19 ^b	2 ^b	1 ^b	w.	
Ft. Duchesne.	Uinta.	4,941	25	37.5 + 2.0	65 ^b	2 ^b	3 ^b	22	41 ^b	0.01	-0.35	0.01	0	1						
Fruitland.	Duchesne.	6,725	3	35.6	-	69	2 ^b	1	22 ^b	55	0.23	-0.13	0.30	2	23 ^a	4 ^a	2 ^a	w.		
Garrison.	Boxelder.	4,248	1	36.0	-	66	1	10	15 ^b	44	0.00	-0.00	0.00							
Government Creek.	Millard.	4,850	9	34.0	-	66	1	10	15 ^b	44	0.00	-0.00	0.00							
Grayson.	Tooele.	5,277	12	39.4 + 0.9	-	69	7	9	30	41	0.14	-0.94	0.10	0.4	2	26	3	1	n.	
Green River.	San Juan.	6,000	6	43.0	-	68	3	18	15	35	0.06	-0.06	0.06	0	1	28	3	1	s.	
Hanksville.	Emery.	4,080	13	37.8 - 1.7	-	75	2	4	21 ^b	60	0.00	-0.61	0.00	0	0	28	2	0	sw.	
Heber.	Wayne.	4,200	2	33.8 + 1.5	-	74	8	6	21	48	0.00	-0.37	0.00	0	0	21	0	9		
Henefer.	Wasatch.	5,533	20	34.0 - 0.5	-	66	5	4	11 ^b	54	0.22	-1.14	0.15	2.2	3	24	3	3		
Ibapah.	Summit.	5,301	13	35.8 + 0.7	-	71	5	2	20 ^b	56	0.40	-1.27	0.25	3.5	0	17	6	7	hw.	
Josepa.	Tooele.	7,500	8	34.5	-	71	5	5	22	64	0.00	-0.00	0.00	0	0	28	1	1		
Kanab.	Kane.	4,356	2	36.2	-	66	4	9	22	35	0.00	-0.00	0.00	0	0	28	2	0	n.	
Kelton.	Boxelder.	4,928	5	46.4	-	70	2 ^b	17	23	47	0.05	-0.05	0.05	0	1					
La Sal.	San Juan.	7,000	10	36.8 + 1.5	-	74	8	6	21	48	0.00	-0.37	0.00	0	0	21	0	9		
Leeds (Echo Farm).	Washington.	3,400	1	51.6	-	74	2 ^b	29	20 ^b	35	0.00	-0.00	0.00	0	0	22	3	5		
Lehi.	Utah.	4,550	5	37.4	-	68	6	10	19 ^b	41	0.04	-0.04	0.04	0	1	25	4	1		
Lemay.	Boxelder.	4,221	2	39.4	-	65	1	16	23	29	T.	-0.04	T.	0	0	18	8	4		
Logan.	Cache.	5,010	23	39.2 + 2.5	67	5	6	16	44	0.08	-0.90	0.08	0.8	1						
Low.	Tooele.	4,507	22	40.2 + 2.6	68	5	15	23	34	0.00	-1.30	0.00	0	0	23	2	5			
Lower Mill Creek.	Salt Lake.	4,500	2	44.2	-	71	5	21	16	28	0.59	-0.37	0.22	2.2	2	22	3	5	n.	
Lucin.	Boxelder.	4,504	6	34.2	-	65	11	4	22	49	T.	-0.04	T.	0	0	24	0	6		
Manila.	Uinta.	6,225	3	37.0	-	69	1	5	16 ^b	60	0.03	-0.03	0.03	0.1	1	6	17	7		
Marysville.	Sanpete.	5,575	18	38.6 + 1.5	69	7	10	13	52	0.15	-0.78	0.15	1	1	20	5	5			
Meadowville.	Plute.	6,180	13	38.0	-	71	5	10	15 ^b	48	0.00	-0.77	0.00	0	0	27	1	2		
Middle Lake.	Rich.	6,200	12	35.0 + 1.7	62	5	8	16	40	T.	-1.22	T.	T.	0	0	26 ^a	1 ^a	2 ^a		
Midvale.	Boxelder.	4,235	2	44.5	-	60	1	32	20	21	0.00	-0.00	0.00	0	0	18	2	5		
Millford.	Salt Lake.	4,365	1	39.1	-	75	5	11	21 ^b	45	0.11	-0.08	0.5	2	24	3	3	s.		
Moab.	Grand.	4,000	23	41.7 + 0.6	73	14	15	21 ^b	41	0.02	-0.65	0.02	0	1	24	5	1			
Modena.	Iron.	5,479	12	38.4 - 0.6	72	4	6	30	51	0.00	-0.60	0.00	0	0	20	8	2	w.		
Monticello.	San Juan.	7,050	5	42.6	-	67	1	22	16 ^b	36	0.10	-0.10	1.0	1	20	8	2	dw.		
Morgan.	Morgan.	5,068	8	40.8	-	73	6	12	22	45	0.32	-0.27	2.0	2	2					
Moroni.	Sanpete.	6,000	5	42.1	-	70	3 ^b	12	15	42	0.31	-0.26	T.	2	21	5	4	sw.		
Mosida.	Utah.	4,510	6372	38.6	-	72 ^b	3	10 ^b	13	44 ^b	0.00	-0.00	0.00	0	0	27	2	1		
Mountain Home.	Duchesne.	6,000	1	31.0	-	64	6	0	15 ^b	51	0.00	-0.00	0.00	0	0	26	0	4	sw.	
Neplid (near).	Jubb.	5,119	8	38.0	-	71	5	16	21	37	0.00	-0.00	0.00	0	0	21 ^c	3 ^c	3 ^c		
Oak City.	Millard.	4,900	6	42.4	-	71	5	16	21	37	0.00	-0.00	0.00	0	0	26	3	1	n.	
Ogden.	Weber.	4,900	42	38.5	0.0	73	5	11	15	41	0.39	-0.77	0.29	2	27	1	2			
Panguitch.	Garfield.	5,560	1	34.0	-	69	5	11	15	41	0.39	-0.77	0.29	2	27	1	2			
Park City.	Summit.	7,000	8	39.1 + 1.7	67	1	8	15	41	0.31	-0.15	0.15	3.6	3	26	1	3	n.		
Parowan.	Iron.	5,970	22	43.2	-	72	4	16	21	42	0.15	-0.55	0.15	1	22 ^b	5 ^b	2 ^b			
Pine View.	Summit.	6,335	1	*33.6	-	7800	4	40 ^b	30	52 ^b	0.00	-0.00	0.00	0	0					
Pinto.	Washington.	5,907	15	38.8 + 2.0	72	3	5	17	54	0.23	-0.07	0.23	1.0	1	26	3	1	n.		
Price.	Carbon.	5,657	2	*33.6	0.7 ^d	74 ^b	3 ^b	9 ^b	23	43 ^b	0.00	-0.00	0.00	0	0	22 ^b	2 ^b	0 ^b		
Provo.	Tah.	4,632	19	39.4 + 0.0	74	5	11	21	48	T.	-1.11	T.	T.	0	0	24	4	2		
Ranch.	Kane.	6,700	11	40.5 + 4.4	68	3 ^b	14	22	49	T.	-1.71	T.	T.	0	0	27	1	2	w.	
Richtfield.	Sevier.	5,350	19	43.1 + 5.7	76	5	7	21	46	0.15	-0.24	0.15	0	1	22	6	6	ne.		
Riverdale.	Weber.	4,310	41	40.0	-	69	5	18	15	39	0.05	-0.03	T.	2	23	6	1	sw.		
St. George.	Washington.	2,880	26	37.8	-	69	12	2	21 ^b	54	0.02	-0.02	0.02	0	1	28	0	2	ne.	
Sabrina.	Iron.	5,209	1	37.8	-	69	12	2	21 ^b	54	0.02	-0.02	0.02	0	1	28	0	2	ne.	
Saltair.	Salt Lake.	4,220	9	41.3	-	62	2 ^b	22	22	32	0.19	-0.16	0.2	2	27	2	2	n.		
SALT LAKE CITY.	Salt Lake.	4,360	39	43.5 + 3.1	72	5	24	15	28	0.37	-1.05	0.22	1.4	2	19	7	4	se.		
Santaquin.	Utah.	5,250	4	41.3	-	77	5	18	22 ^b	46	0.20	-0.20	0							

NOVEMBER, 1914.

CLIMATOLOGICAL DATA: UTAH SECTION

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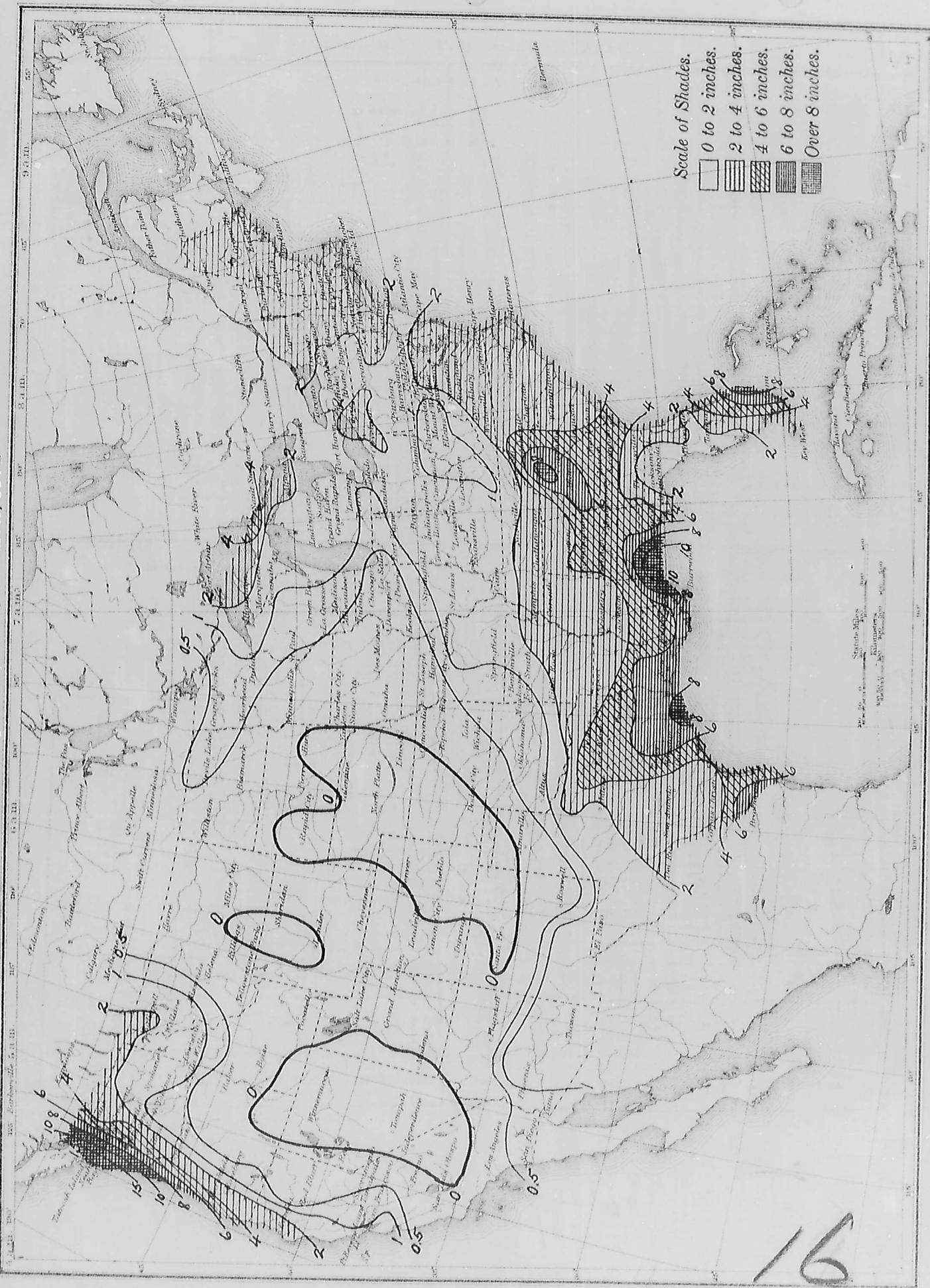
Daily Precipitation for November, 1914.

Continued on page 88.

Daily Temperatures for November, 1914.

Stations.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Black Rock.....	Maximum 71	65	65	74	72	70	61	61	61	61	62	66	61	58	48	51	52	50	54	54	53	53	52	56	60	57	61	56	50	43	38.7	
	Minimum 21	25	20	16	22	21	28	12	9	9	10	10	27	25	5	9	10	5	0	1	-2	5	7	9	9	7	10	35	27	5	12.9	
Burville.....	Maximum 60	59	50	62	60	59	55	55	60	55	50	50	59	50	56	50	49	56	53	53	53	53	55	59	54	60	53	55	59	54	55.1	
Castle Dale.....	Maximum 75	78	76	75	70	74	72	70	68	65	68	63	65	54	56	59	54	57	48	48	58	52	54	50	52	49	49	53	51	60.3		
Corinne.....	Minimum 30	33	32	29	30	31	25	23	25	26	27	22	15	13	16	18	23	22	21	20	19	18	19	21	24	20	21	20	22	22.5		
Deseret.....	Maximum 52	64	60	58	62	60	65	58	50	48	50	58	50	45	47	45	45	46	43	45	49	43	45	50	47	49	52	52	51	51.0		
Dragon.....	Minimum 30	39	28	28	30	28	25	22	19	20	23	25	20	19	15	13	9	15	12	13	8	12	15	9	11	13	15	12	13	17	18.3	
Duchesne.....	Maximum 61	64	60	60	60	61	60	57	55	57	54	55	52	53	54	50	49	45	46	47	46	48	49	45	46	46	49	49	49	51	51.4	
Elberta.....	Minimum 27	31	29	26	20	22	21	13	15	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	14.8		
Fruitland.....	Maximum 64	69	69	69	62	62	57	64	65	57	60	58	57	60	53	48	48	48	47	47	55	61	50	55	60	52	52	52	52	52	52.1	
Government Creek.....	Maximum 65	58	60	62	60	58	61	60	58	56	52	50	52	50	50	48	47	49	49	49	51	51	57	53	48	37	37	37	37	37	35.8	
Grayson.....	Minimum 37	41	34	39	37	34	36	38	33	31	34	30	34	21	18	25	26	23	27	22	20	22	25	25	26	25	26	25	26	25	26.1	
Green River.....	Maximum 71	75	70	71	69	69	71	68	63	63	63	63	59	59	49	53	56	55	53	51	51	54	54	58	57	57	57	56	51	60.3		
Henefer.....	Maximum 67	62	64	70	71	67	61	62	64	64	60	64	60	56	41	44	53	52	57	58	55	59	60	61	58	49	40	39	38	57.9		
Ibapah.....	Minimum 68	65	64	67	71	63	55	61	63	61	67	63	66	55	46	53	49	55	58	56	54	59	57	64	57	58	47	39	58.5			
Kanab.....	Maximum 75	76	75	76	70	69	69	69	68	70	70	66	66	65	65	66	64	64	64	68	60	62	61	65	65	64	66	60	66	66.0		
Kelton.....	Minimum 70	62	64	58	62	60	64	74	70	56	54	52	52	48	46	48	50	50	47	45	43	42	45	50	45	42	51	51	51.4			
La Sal.....	Minimum 38	30	28	25	29	26	24	30	33	19	18	25	26	22	18	8	18	16	12	12	6	8	10	15	13	17	15	12	19.0			
Leeds (near) §§	Maximum 71	74	73	74	74	74	71	71	70	65	66	66	59	61	61	59	67	64	51	58	61	65	63	55	58	53	55	55	65.0			
Lemay.....	Minimum 46	41	49	48	47	40	41	46	46	40	40	31	37	33	36	36	33	32	36	37	33	38	29	29	38	31	38	31	38	38.1		
Levan.....	Maximum 65	63	62	60	61	62	61	60	58	59	57	56	54	52	50	47	44	43	44	41	47	48	50	47	44	43	43	43	51.8			
Logan.....	Minimum 40	38	35	32	33	35	34	32	30	28	29	26	27	25	24	25	23	22	21	23	21	20	18	16	15	15	15	15	15	27.1		
Low.....	Maximum 66	66	60	64	67	64	59	54	58	48	58	60	62	54	45	50	48	55	53	51	53	53	55	57	47	45	48	48	48	55.2		
Lucin.....	Minimum 31	38	30	27	30	32	33	23	18	22	20	22	27	24	31	37	6	20	14	13	16	12	13	18	18	21	23	21	24	23.1		
Manila.....	Maximum 63	64	64	64	68	65	64	68	55	57	55	56	62	56	49	39	45	46	46	46	46	46	46	46	46	46	46	46	46	46	53.2	
Manti.....	Minimum 38	36	40	34	39	30	28	25	26	29	31	45	46	28	18	18	23	20	19	21	24	25	26	27	28	29	20	27	23	27.3		
Meadowville.....	Maximum 71	70	71	79	70	79	70	68	60	58	60	62	76	85	85	75	62	60	58	71	70	72	58	65	65	60	66	64	64	64	64.0	
Millford.....	Minimum 37	35	31	36	31	30	24	20	23	26	25	36	56	59	39	22	19	16	17	24	37	35	15	16	16	16	16	16	16	16	16.0	
Mosida.....	Maximum 64	64	62	60	60	57	61	62	52	52	56	57	54	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53.1		
Mosida.....	Minimum 69	60	61	63	64	60	61	60	60	68	60	62	60	61	63	65	65	50	51	52	53	53	53	53	53	53	53	53	53	57.8		
Ogden §§	Maximum 70	65	62	54	67	73	63	57	57	61	58	61	62	61	42	45	46	50	48	56	50	51	53	54	56	52	48	40	55.3			
Ogden §§	Minimum 31	33	27	27	28	32	25	20	21	24	19	21	24	10	12	21	21	11	14	16	12	15	14	11	20	21	19	21	21.0			
Panguitch.....	Maximum 73	70	71	63	70	67	65	65	60	60	61	62	65	52	51	55	56	52	51	52	54	54	53	54	52	57	56	56	56	56.6		
Park City.....	Maximum 62	51	59	67	65	60	50	56	59	60	60	59	55	59	40	56	43	48	54	57	57	59	42	36	27	34	24	24	24	24	54.0	
Parowan.....	Maximum 68	66	68	72	71	68	63	62	66	52	57	64	51	61	57	55	60	60	59	60	57	61	64	54	47	47	47	47	47	61.0		
Pinto.....	Minimum 35	30	33	31	35	32	35	35	25	27	27	23	26	27	26	21	21	11	13	9	10	8	9	11	15	17	18	33	21	6.0		
Provo.....	Maximum 68	69	72	71	70	68	62	68	65	67	70	62	64	67	64	67	63	54	55	57	52	47	42	50	50	50	50	50	50	55.7		
Richfield.....	Maximum 66	74	28	20	21	20	28	18	20	21	20	17	13	13	14	13	10	9	10	9	10	11	12	12	13	14	15	16	17	18	19.5	
Sabarn.....	Maximum 68	65	66	73	71	68	62	60	65	61	61	69	64	52	50	54	53	54	51	54	53	54	54	53	54	54	54	54	54	54.1		
St. George §§	Maximum 65	61	61	63	65	63	54	57	59	62	56	57	58	43	40	45	49	48	48	50	51	54	52	54	52	54	52	54	52	54	54.5	
SALT LAKE CITY.....	Maximum 68	59	62	67	72	63	64	56	57	55	57	60	62	59	60	57	45	49	46	48	48	49	47	45	47	47	47	47	47	47	47	47.6
Scofield.....	Minimum 60	62	65	67	64	61	64	59	61	62	60	59	60	57	45	49	46	48	48	48	39	47	44	47	51	55	54	58	59	58.0		
Standrod.....	Minimum 34	32	32	30	32	29	24	26	28	28	24	28	34	38	27	19	17	18	17	20	21	25	25	31	27	29	20	13	12	25.7		
Tensdate.....	Minimum 60	59	60	58	60	62	55	57	52	53	54	59	60	62	60	60	58	54	56	52	53	54	51	50	54	56	53	54	56.1			
Tooele.....	Minimum 28	33	25	26	29	28	32	22	22	24	23	29	21	19	12	16	10	12	17	14	12	14	13	15	14	16	17	14	20	19.5		
Tremonton §§	Maximum 66	37	34	32	34	40	32	2																								

Total Precipitation—, inches, November, 1914.



CLIMATOLOGICAL DATA: UTAH SECTION

NOVEMBER, 1914.

Daily Precipitation for November, 1914.—Continued.

Stations.	Day of month.																													Total.		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Scipio (near).....																																0.28
Scotfield.....(C)																																0.04
Silver City.....																																0.32
Smyths.....																																0.56
Snake Creek.....																																0.17
Snowville.....																																T.
Spanish Fork.....																																0.57
Springdale.....(C)																																0.25
Standrod.....																																0.00
Sunnyside.....(C)																																0.00
Teasdale.....(C)																																0.00
Thistle.....(C)																																0.00
Thompson's.....(C)																																0.00
Tooele.....(C)																																0.00
Tremonton.....(C)																																0.00
Tropic.....(C)																																0.00
Trout Creek Ranger.....(C)																																0.00
University of Utah.....																																0.00
Vernal.....(C)																																0.00
Vernon.....(C)																																0.00
Victor.....(C)																																0.00
Wendover.....																																0.00
Whiskey Creek.....																																0.00
White Rocks.....(C)																																0.00
Winder.....																																0.00
Woodruff.....																																0.00
Woodside.....(C)																																0.00

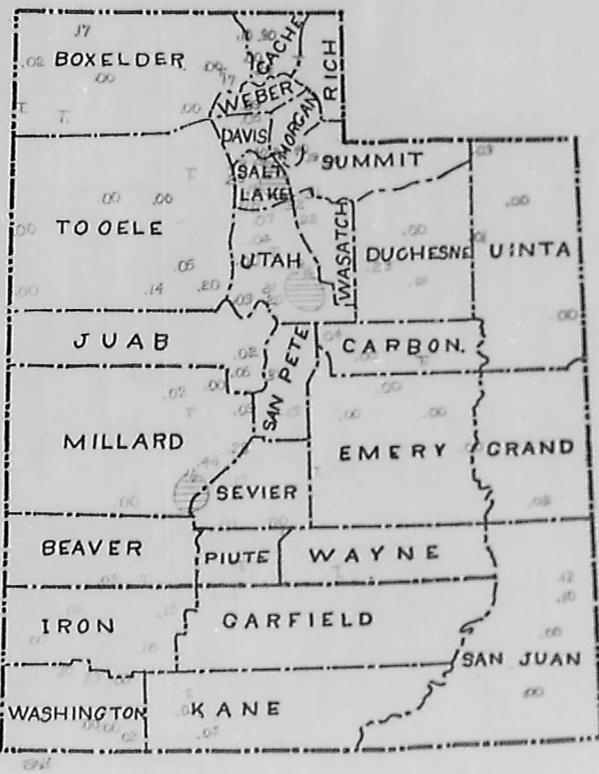
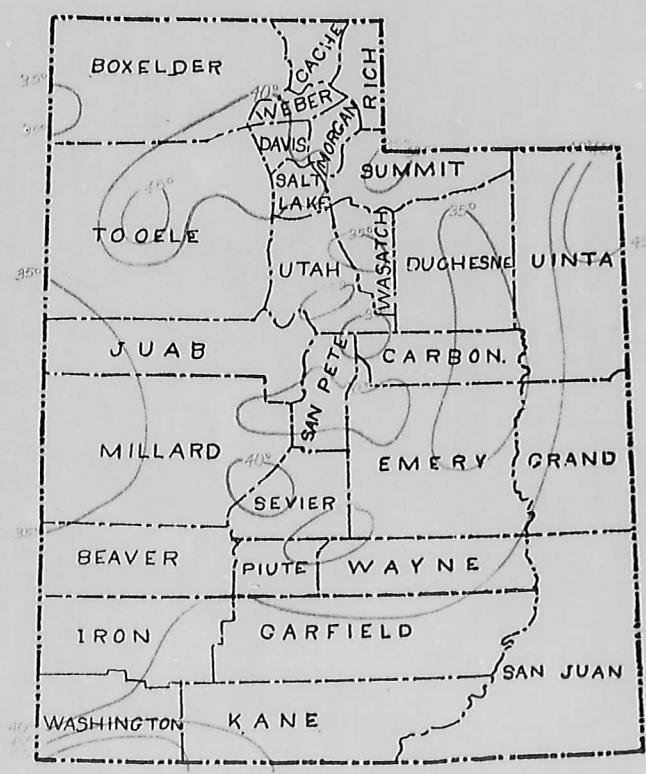
* Precipitation included in the next following measurement. † Separate dates of falls not recorded. T. Indicates Trace, or less than 0.01 inch of rain or melted snow. Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation.

† Precipitation measured in the morning; amount then recorded is for the preceding 24 hours.

*** Regular Weather-Bureau stations; precipitation is for the 24 hour period, midnight to midnight.
All stations are in the Great Basin except those marked (C) which are in the Colorado River drainage area.

Mean Temperature, November, 1914.

Total Precipitation, inches, November, 1914.



SCALE OF SHADES—IN INCHES.
 Less than 1.0 1.0 to 2.0 2.0 to 3.0 3.0 to 4.0 4.0 to 5.0

U. S. DEPARTMENT OF AGRICULTURE
WEATHER BUREAU
CHARLES F. MARVIN, CHIEF

CLIMATOLOGICAL DATA

UTAH SECTION

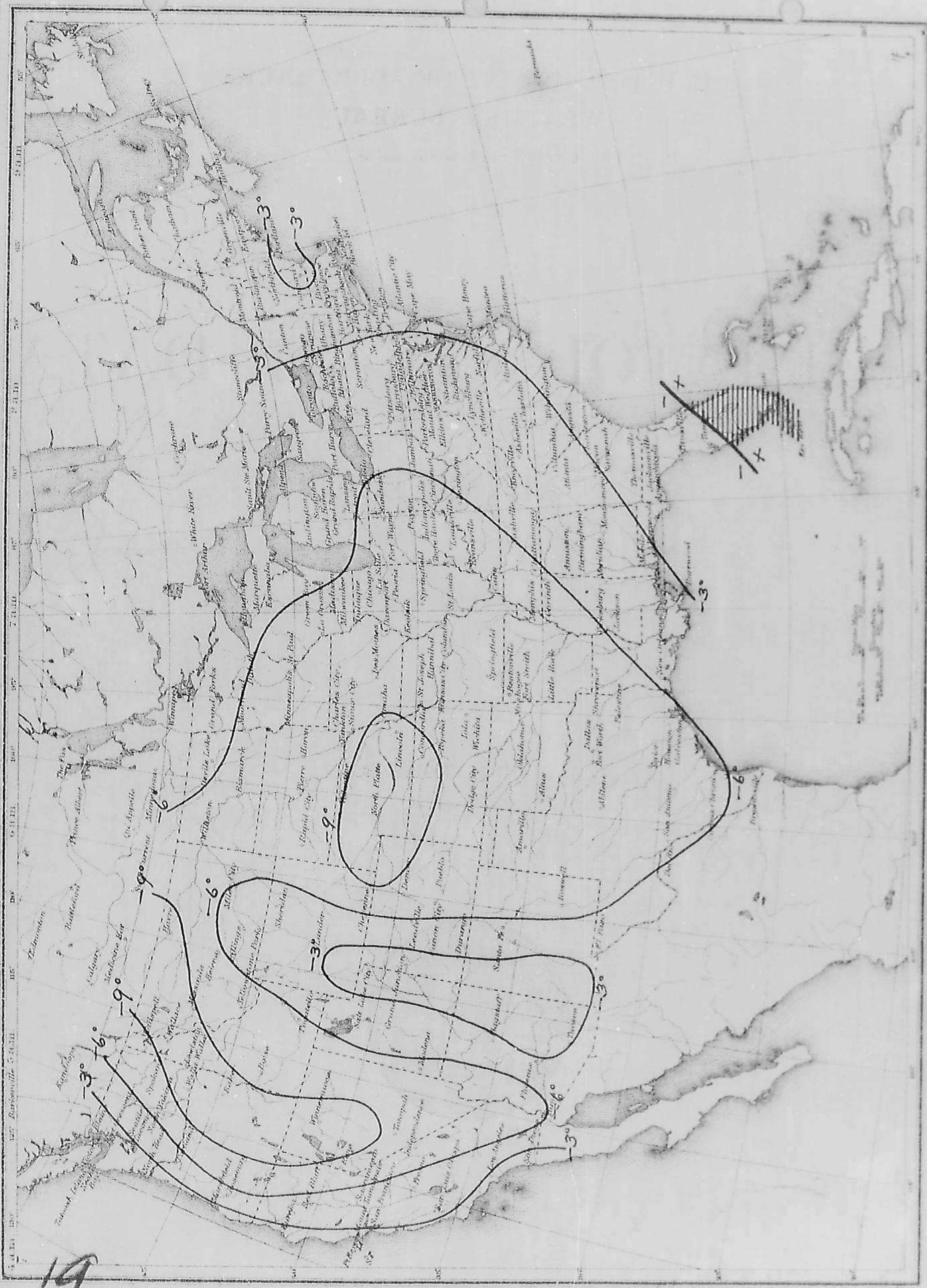
DECEMBER, 1914

BY
ALFRED H. THIESSEN
SECTION DIRECTOR



SALT LAKE CITY, UTAH
WEATHER BUREAU OFFICE
JANUARY 19, 1914.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

UTAH SECTION.

ALFRED H. THIESSEN, Section Director.

VOL. XVI. SALT LAKE CITY, UTAH, DECEMBER, 1914. No. 12.

GENERAL SUMMARY.

The month was colder and drier than usual. The temperature was lower than that of any previous December since 1909, and the second coldest since 1895. The only agricultural interest affected was the range stock which appeared to have wintered well thus far.

The feature of the temperature condition was the almost uninterrupted period of cold, extending from about the 6th to nearly the end of the month. The lowest temperatures occurred as a rule from the 14th to the 16th and on the 20th and 21st. At Scofield, where the lowest for the month occurred, the temperature fell below zero every day from the 7th to the end of the month, excepting the 8th, 18th and 26th, and during that period the temperature rose above the freezing point on only 9 days. In marked contrast to these temperatures were those at Midlake, located on the Lucin Cut-off. At this place the lowest for the month was 21°, and its mean temperature was the highest in the State. The highest temperature occurred generally from the 2d to the 7th, but at a few stations it occurred on the last day of the month.

There were on the average only 4 rainy days in the month, but light precipitation occurred at various stations from the 3d to the 21st. Snow also fell at scattered stations on the 28th. Of those stations having 10 years or more of record, only three reported monthly amounts above normal. Most of this precipitation was in the form of snow; but owing to the cold weather it was very light, and at the end of the month it lay undrifted and in a loose condition. Most valleys were bare, and an exceedingly small amount was stored in the mountains.

PRESSURE.

The monthly mean atmospheric pressure for the State, reduced to sea level, was 30.10 inches, obtained from data at Salt Lake City and Modena.

The highest was 30.54 inches at Salt Lake City on the 22d. The lowest was 29.81 inches at Modena on the 27th.

TEMPERATURE.

The monthly mean temperature for the State was 22.6° which is 4.2° below normal. The highest previous State mean was 33.3°, and the lowest was 21.0°.

The highest local monthly mean was 30.2° at Midlake; the next highest being 29.4° at Kanab.

The lowest local monthly mean was 12.6° at Scofield.

The highest temperature was 59° at Scipio on the 4th.

The lowest was -26° at Scofield on the 19th.

The State monthly range in temperature was 85°.

The greatest daily local range was 60° at Scofield on the 2d.

HUMIDITY.

At Salt Lake City the mean relative humidity at 6 a. m. was 70 per cent, at 6 p. m. 70 per cent, and the monthly average 70 per cent. At Modena at 6 a. m. it was 84 per cent, at 6 p. m. 66 per cent, and the monthly average 75 per cent.

PRECIPITATION.

The average precipitation for the State was 0.53 inch, or 0.88 inch below the normal. The greatest previous average for this month was 2.16 inches in 1909; and the least was 0.14 inch in 1900.

The greatest monthly amount was 2.09 inches at Marysville. The least monthly amount was none at Whiskey Creek.

The greatest amount in 24 hours was 2.02 inches at Marysville on the 18th.

The average snowfall, unmelted, was 5.5 inches.

The average number of rainy days, 0.01 inch or more, was 4.

WIND.

The prevailing direction of the wind for the State was from the north. The average velocity at Salt Lake City was 5.1 miles per hour; the highest 25 miles per hour from the southeast on the 3d; and the prevailing direction from the southeast. At Modena the average velocity was 7.3 miles per hour; the highest 31 miles per hour from the southwest on the 23d; and the prevailing direction from the west.

SUNSHINE AND CLOUDINESS.

The monthly percentage of possible sunshine was 60 at Salt Lake City, and 45 at Modena.

For the State the average number of clear days was 14, partly cloudy, 7, and cloudy, 10.

COMPARATIVE DATA FOR THIS MONTH.

Year.	Temperature.			Average precipitation. Rainy (0.01 inch or more).	Number of days			Prevailing wind.
	Mean.	Highest.	Lowest.		Clear.	Partly cloudy.	Cloudy.	
1891	26.0	71	-19	1.42	7			
1892	25.0	66	-19	1.27	7			
1893	31.1	70	-19	1.30	6	11	10	SW.
1894	26.3	64	-17	1.94	7	13	7	11
1895	21.0	64	-24	0.78	4	16	7	8
1896	31.0	65	-3	0.46	2	15	9	SW.
1897	22.7	66	-19	1.16	3	16	7	S.
1898	23.1	72	-17	0.63	4	19	6	S.
1899	25.2	74	-26	0.95	5	14	7	10
1900	30.6	68	-27	0.14	1	18	8	N.
1901	29.0	71	-18	0.81	4	15	7	9
1902	27.0	66	-25	0.89	4	14	8	9
1903	26.4	76	-26	0.37	2	21	4	6
1904	28.8	81	-25	0.74	4	17	6	8
1905	22.8	63	-32	0.62	4	18	6	N.
1906	33.3	76	-12	1.63	6	11	9	SW.
1907	30.6	68	-22	1.58	6	9	8	SW.
1908	25.4	66	-29	0.97	4	15	8	SW.
1909	17.5	64	-35	2.16	8	11	6	SW.
1910	31.0	74	-13	1.45	6	10	8	13
1911	23.4	70	-24	0.81	5	13	8	10
1912	24.3	66	-32	0.47	3	15	8	S.
1913	24.2	61	-28	1.15	6	12	8	11
1914	22.6	59	-26	0.53	4	14	7	10

CORRECTIONS.

January. — Springdale, cloudy days 17. February. — Beaver, total snowfall 3.0 inches; Burrville, rainy days 4; Clarkston, total precipitation 1.50 inches. May. — Tremonton, mean temperature 59.8°; date of highest temperature 22d. June. — Tremonton, date of highest temperature 18th. July. — Tremonton, date of highest temperature 12th; Lemay, mean temperature 81.0°; Maui, mean temperature 65.9°; Woodruff, total precipitation 2.65 inches. August. — Tremonton, mean temperature 71.9°; date of highest temperature 14th. September. — Tremonton, date of highest temperature 3d; Emery, lowest temperature 28° on the 27th; Henefer, total snowfall trace; Low, monthly temperature 67.9°. October. — Levan, greatest precipitation in 24 hours 1.29 inches; Scofield, number of rainy days 5. November. — Emery, snowfall, trace; Low, mean monthly temperature, 46.6°.

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CLIMATOLOGICAL DATA: UTAH SECTION

DECEMBER, 1914.

Climatological Data for December, 1914.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.				Precipitation, inches.				Number of days				Observers.		
				Mean.	Departure from the normal.	Highest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total Snowfall, unmeasured.	With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Beaver.	Beaver.	6,000	9	22.2	52	4	-9	15	48	0.20	-0.23	0.20	2.1	1	5	10	16	E. F. Twitchell.
Black Rock.	Millard.	4,872	9	22.2	52	4	-9	15	26	0.75	0.75	0.75	5.5	1	17	0	14	Agent Salt Lake Route.
Bluff.	San Juan.	4,200	1	26.8	48	5	-9	15	32	0.76	0.40	7.5	5	...	...	...	H. H. Redd.
Brigham City.	Boxelder.	4,306	1	25.9	51	4	-2	21	32	0.76	0.40	7.5	5	...	...	...	N. Merrell Valentine.
Burville.	Seyler.	6,800	2	20.3	45	4	-7	21	43	0.24	0.20	0.20	2	2	2	2	F. R. Curtis.	
Castle Dale.	Emery.	5,600	14	16.8 - 6.1	47	5	-8	14	43	0.65	-0.01	0.40	4	27	2	2	Miss Fay Jeffs.	
Cedar City.	Iron.	5,780	8	42.5	50	5 ⁺	2	15	31	0.25	0.20	0.20	2.5	3	19 ^a	7 ^b	Parley Dalley.	
Center.	Tooele.	4,250	2	...	...	...	...	...	...	...	...	...	...	...	...	...	L. C. Peterson.
Corinne.	Boxelder.	4,240	43	19.8 - 8.8	47	3 ⁺	-5	18 ¹	37	0.60	-0.90	0.30	6.0	2	14	7	10	A. C. Murphy.
Desert.	Millard.	4,541	18	20.6 - 5.1	55	4	-8	15	41	0.22	-0.33	0.07	6.0	4	14	9	8	S. W. Western.
Dragon (near).	Uinta.	6,210	3	22.4	51	28	-3	14 ¹	43	0.04	0.03	0.03	2	23	5	3	Homer D. Ford.	
Duchesne.	Duchesne.	5,500	6	15.6	46	4	-15	21	40	0.33	0.15	3.3	5	10	10	11	M. M. Smith.	
East Portal.	Wasatch.	7,650	1	...	...	...	...	...	...	...	...	...	...	...	...	...	Reclamation Service.
Elberta.	Utah.	4,650	11	23.6 - 3.8	52	4	-4	22	35	0.73	-0.03	0.28	8.0	5	15	7	9	D. C. Walkley.
Emery.	Emery.	6,200	12	26.0 - 1.4	55	6 ⁺	1	14 ¹	50	T	-0.48	T	T	...	...	...	H. C. Wickman.
Farmington.	Davis.	4,268	12	27.0 - 3.2	50	4	-4	21	24	1.28	-0.65	0.51	9.5	3	19	7	5	Chas. Boylin.
Fillmore.	Millard.	5,100	21	26.8 - 3.2	53	4	-2	24	32	0.09	-1.00	0.03	4	...	...	...	J. J. Starley.
Ft. Duchesne.	Uinta.	4,941	25	14.4 - 3.0	45	5	-15	31	43	0.12	-0.42	0.05	5	19 ^a	6 ^b	4 ^c	Geo. W. Dickson.	
Fruitland.	Duchesne.	6,725	3	16.6	42	31	-16	16 ¹	50	0.70	0.20	7.6	5	17	6	8	J. E. L. Carey.	
Garland.	Boxelder.	4,248	1	23.1	54	5	-5	21	31	1.31	0.50	9.5	6	20	5	6	Heber C. Cutler.	
Garrison.	Millard.	4,850	9	...	...	...	...	...	...	...	...	...	...	...	...	...	K. M. Smith.
Government Creek.	Tooele.	5,277	12	22.6 - 5.1	49	3 ⁺	0	14 ¹	41	0.66	-0.14	0.40	5.8	6	15 ^a	6 ^b	Walter James.	
Grayson.	San Juan.	6,000	6	25.0	45	4	-6	15	41	0.14	-0.12	0.11	2.0	3	12	16	3	E. F. Thompson.
Green River.	Emery.	4,080	13	23.6 - 0.1	54	3	-8	14	41	0.16	0.11	1.6	3	14	6	1	E. E. Adams.	
Hanksville.	Wayne.	4,260	9	23.6	54	3 ⁺	3	22	37	0.50	-0.22	0.37	4.0	4	9	11	11	F. J. Weber.
Heber.	Wasatch.	5,693	20	19.0 - 2.9	46	2	-12	20	40	0.60	-1.10	0.15	11.0	5	11	9	11	John Crook.
Henefer.	Summit.	5,901	13	18.6 - 4.8	51	4	-14	29	45	0.63	-0.91	0.29	6.5	7	13	6	12	Wm. Brewer.
Ibapah.	Tooele.	7,600	8	19.8	48	4	-17	21	47 ^b	0.08	0.03	0.03	4	17	8	6	W. M. Chastain.	
Iosepa.	Cache.	4,356	18	18.0	46	4 ⁺	-5	15	26	0.85	0.28	0.28	7	22	1	8	James K. Halemanu.	
Kanab.	Kane.	4,925	5	29.4	55	3	0	15	38	1.14	0.60	0.60	5	...	...	...	D. D. Rust.
Kelton.	Boxelder.	4,230	33	20.2 - 7.3	45	4	-4	21	32	0.58	-0.15	0.28	8.0	4	6	22	3	F. W. Klock.
La Sal.	San Juan.	7,000	10	23.5	44	4	-3	22	37	0.50	-0.22	0.37	4.0	4	9	11	11	Mrs. Gertrude W. Carpenter.
Leeds (Echo Farm).	Washington.	3,400	1	...	...	...	...	...	...	...	...	...	...	...	...	...	B. F. Anderson.
Lehi.	Boxelder.	4,550	5	25.6	50	4 ⁺	2	22	30	0.30	0.15	1.0	3	11	12	8	Joseph Anderson.	
Lemay.	Lehi.	4,221	2	24.2	45	5	2	23	26	0.45	0.30	4.5	4	18	11	2	Agt. Southern Pacific Co.	
Levan.	Juab.	5,010	23	...	...	...	...	...	...	...	...	...	...	...	...	...	Clarence Gardner.
Logan.	Cache.	4,507	22	21.2 - 4.2	47	3	-7	21	25	0.55	-0.51	0.25	7.0	4	20	1	10	Experiment Station.
Low.	Tooele.	4,602	2	24.1	58	1	-2	21	47	0.06	0.04	0.04	2	8	9	14	Agt. Western Pacific Co.	
Lower Mill Creek.	Salt Lake.	...	...	28.4	50	4	-10	22	22	1.03	0.35	13.5	6	13	3	15	D. Folker.
Lucin.	Boxelder.	4,504	6	18.2	44	4 ⁺	-7	21	38	0.04	0.04	0.04	1	17	2	12	E. C. Puryear.	
Manilla.	Uinta.	6,225	3	14.2	43	31	-17	20	47	0.08	0.06	2.0	3	11	14	6	D. M. Nelson.	
Manti.	Sanpete.	5,575	18	20.8	51	4	-7	15	39	0.45	0.42	5.0	2	10	5	16	J. M. Anderson.	
Marysvale.	Plute.	6,180	13	21.0 - 4.4	48	3	-7	15	39	2.09	1.35	2.02	3	11 ^a	13 ^b	6 ^c	A. Soysa.	
Meadowville.	Rich.	6,200	12	19.9 - 4.7	45	4 ⁺	-4	14 ¹	32	0.50	0.47	5.0	1	24	1	6	J. S. Moffat.	
Midlake.	Boxelder.	4,235	2	20.2	47	4	-21	20	29	9	1.70	0.40	17.0	7	5	21	Stella M. Gibson.	
Midvale.	Salt Lake.	4,365	1	26.8	52	4 ⁺	0	21 ¹	37	0.34	0.14	2.5	5	19	5	7	E. D. Gammon.	
Millford.	Beaver.	4,962	5	...	...	...	...	...	...	...	...	...	...	...	...	...	John Krall.
Moab.	Grand.	4,000	23	27.6 - 2.6	53	3 ⁺	7	15	35	0.31	-0.50	0.10	3.0	6	10	4	17	Henry Crouse.
Modena.	Iron.	5,479	12	21.2 - 0.5	46	2	-6	15	38	0.46	-0.12	0.21	5.0	5	7	12	12	U. S. Weather Bureau.
Monticello.	San Juan.	7,050	5	22.6	55	6	0	15	38	1.85	0.60	18.5	7	17	7	7	E. H. Barton.	
Morgan.	Morgan.	5,068	8	21.4	46	4 ⁺	-9	21	43	0.49	0.22	4.0	4	...	...	...	E. O. Kingston.
Moroni.	Sanpete.	6,000	5	23.5	53	4	-1	15	31	0.71	0.36	3.0	3	12	6	13	B. F. Ellason.	
Mosida.	Utah.	4,510	1	23.6	53	5	-4	23	33	0.30	0.10	3.0	21	...	...	...	W. F. R. Mills.
Mountain Home.	Duchesne.	6,000	1	19.2	55	7 ⁺	-18	16	52	0.30	0.10	3.0	3	16 ^a	0 ^b	7 ^c	Oscar Wilkins.	
Nephi (near).	Juab.	5,119	8	...	...	...	...	...	...	...	...	...	...	...	...	...	A. D. Ellison.
Oak City.	Millard.	4,900	6	26.8	57	1	-2	24	32	0.10	0.07	0.07	2	12	9	10	Jos. L. Anderson.	
Ordgen.	Weber.	4,310	42	23.6 - 9.6	51	4	-2	21	30	0.81	-0.88	0.25	5.2	7	25	0	6	Ralph Shorten.
Panguitch.	Garfield.	6,560	1	18.4	46	1	-12	15	39	0.42	0.21	4.0	2	4	20	7	H. L. Strembel.	
Park City.	Summit.	7,000	8	18.4 - 7.0	39	25	-7	19	33	0.80	0.24	17.1	8	18	2	11	Rev. Hoyt Henriques.	
Parowan.	Iron.	5,970	22	26.9 - 1.7	53	31	-1	15	33	0.34	-0.59	0.22	...	2	19	5	7	Alex Matheson.
Pine View.	Summit.	6,835	1	18.0	48	3	-15	16	50 ^b	0.09	0.22	0.28	...	3	11 ^a	3 ^b	16 ^c	Granville Deming.
Pinto.	Washington.	5,907	15	22.2 - 4.4	51	3	-11	15	45	0.49	-0.29	0.28	...	4	19	4	8	J. H. Harrison.
Price.	Carbon.	5,657	2	19.8	45	4	-6	15	33	0.46	0.20	0.20	...	4	19	4	8	Roy Barker.
Provo.	Utah.	4,532	19	25.2 - 3.2	55 ^a	4	-3 ^b	24	35 ^c	0.62	-0.92	0.42	3.0	2	9	4 ^b	8 ^c	Reclamation Service.
Ranch.	Kane.	6,700	11	...	...	...	...	...	...	...	...	...	...	...	...	...	J. W. Seaman.
Richfield.	Seyler.	5,850	19	25.2 - 2.6	57	4	-2	23	39	0.40	-0.29	0.25	4.5	2	22	8	1	Simon Christensen.
Riverdale.	Weber.	4,310	24	28.4	46	4	3	22	30	0.60	0.30	4.6	4	16	10	5	Eugene Bone.	
St. George.	Washington.	2,880	26	...	...	...	...	...	...	...	...	...	...	...	...	...	Ray Smith.
Sahara.	Iron.	5,209	1	23.2	48	3 ⁺	-8	15	44	0.31	0.17	0.17	5	21	5	5	Earl Markwith.	
Saltair.	Salt Lake.	4,420	9	27.0	47	4 ⁺	-9	21 ¹	18	0.89	0.35	11.2	8	16	11	7	E. J. Bench.	
SALT LAKE CITY.	Salt Lake.	4,360	39	29.0	52	4	-12	22	26	0.39	-0.94	0.18	4.6	6	13	11	7	U. S. Weather Bureau.
Santaquin.	Utah.	5,250	25	24.4	49	4	-4	21 ¹	34	0.33	0.22	3.2	6	13	1	17	Wm. Broadbent.	
Scipio.	Millard.	5,260	18	24.4 - 1.8	59	4	-13	15 ¹	55	0.67	-4.							

Daily Precipitation for December, 1914.

Stations.	Day of month.																													Total			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
Alpine.....																																	
Baker Ranger Station. (C)																																	0.00
Beaver.....																																0.94	
Beaver Creek Nursery.....																																0.65	
Belknap Ranger Station.....																																0.20	
Black Rock.....																																0.75	
Bluff.....(C)																																0.26	
Brigham City.....																																0.24	
Burrville.....																																0.41	
Canaan.....(C)																																0.65	
Castle Dale.....(C)																																0.33	
Castle Rock.....																																0.25	
Cedar City.....																																0.25	
Cedar Fort.....																																0.25	
Center.....																																0.25	
Clarkston.....																																0.20	
Corinne.....																																0.20	
Cottonwood Nursery.....																																0.20	
Deseret.....																																0.22	
Dragon (near).....(C)																																0.22	
Duchesne.....(C)																																0.64	
East Portal.....(C)																																0.35	
Elberta.....																																0.25	
Elkhorn.....(C)																																0.25	
Emery.....(C)																																0.25	
Enterprise.....																																0.25	
Eriksen.....																																0.25	
Farmington.....																																0.25	
Fillmore.....																																1.28	
Ft. Duchesne.....(G)																																0.99	
Fruitland.....(C)																																0.72	
Garrison.....																																1.31	
Government Creek.....																																0.66	
Grantsville.....																																0.45	
Grayson.....(C)																																0.45	
Green River.....(C)																																1.31	
Grouse Creek.....																																0.14	
Hanksville.....(C)																																0.45	
Hayden.....(C)																																0.45	
Heber.....																																0.20	
Henefer.....																																0.20	
Howell.....																																0.62	
Hurricane.....(C)																																0.77	
Iba pah.....																																0.38	
Josepha.....																																0.98	
Junction.....																																0.85	
Kanab.....(C)																																0.22	
Kanosh.....(C)																																1.14	
Kelton.....																																0.19	
Le Sal.....																																0.58	
Leeds, (Echo Farm).....(C)																																0.30	
Lehi.....				*	15	05																									0.30		
Lemay.....																																0.45	
Levan.....																																0.45	
Logan.....																																0.55	
Low.....																																0.06	
Lower Mill Creek.....																																0.06	
Lucin.....																																0.06	
Manila.....(C)																																0.06	
Manti.....																																0.06	
Maple Creek.....																																0.45	
Marysvale.....																																0.91	
Meadowville.....																																2.09	
Midlake.....																																0.50	
Midvale.....																																1.70	
Millford.....																																0.54	
Mills.....																																0.11	
Minersville.....																																0.59	
Moab.....(C)																																0.27	
Modena ***.....																																0.31	
Monticello.....(C)																																0.46	
Morgan.....																																1.85	
Moroni.....																																0.49	
Mosida.....																																0.71	
Mountain Home.....(C)																																0.30	
Nada.....																																0.41	
Nephil (near).....																																0.25	
New Castle.....																																0.38	
New Harmony.....(C)					</td																												

CLIMATOLOGICAL DATA: UTAH SECTION

DECEMBER, 1914.

Daily Temperatures for December, 1914.

Stations.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean			
Black Rock.....	47	50	47	52	45	45	40	38	39	38	37	34	29	34	28	35	32	50	32	26	29	29	26	32	35	40	38	45	35	39	42	38.0			
	Minimum	5	2	31	26	20	20	16	13	0	-1	7	5	3	-3	-9	-2	5	21	23	19	-4	-5	-6	-8	-7	15	11	4	3	0	2	6.5		
Burville.....	36	35	34	45	42	40	40	42	37	35	40	37	25	26	30	30	35	29	31	29	30	35	30	31	36	35	38	39	35	31	34.7				
Castle Dale.....	11	10	15	25	22	20	5	11	3	15	5	3	0	-5	-1	2	1	3	-3	-7	-5	0	10	3	10	6	2	1	3	2	5.9				
Corinne.....	42	45	41	43	47	41	40	39	33	28	26	23	25	27	23	35	28	30	29	23	33	30	34	35	31	30	27	29	32	2.2					
Deseret.....	10	12	11	13	20	14	-3	2	-4	-7	-5	-6	-7	-8	-7	-5	-4	-1	-4	-9	-2	2	0	2	6	5	3	2	1	3	1.5				
Dragon.....	11	23	20	20	20	13	13	3	11	4	-3	-2	-2	-1	-3	-3	-9	13	5	2	1	5	1	8	11	8	6	8	8.1						
Duchesne.....	36	38	40	46	41	43	39	32	29	27	30	28	26	20	22	20	23	23	22	25	20	28	28	30	34	33	35	28	30	30.0					
Elberta.....	8	10	16	19	12	11	18	15	10	0	-11	-5	-2	-10	-10	-10	-5	-4	-6	-7	-15	-10	-6	-5	-5	-5	-3	-2	6	5	1.3				
Ft. Duchesne.....	42	48	48	52	46	47	41	45	40	39	37	30	28	25	27	36	33	30	29	28	21	22	25	28	35	34	38	31	35	36	32.4				
Gill.....	12	13	33	28	29	26	20	23	13	12	25	15	8	6	1	5	8	22	29	7	2	-4	2	3	3	14	9	14	5	16	12	12.8			
Emery.....	52	50	51	50	51	55	52	48	48	50	55	51	41	40	41	40	42	40	41	42	43	32	40	48	50	45	43	42	41	40	42	45.4			
Fillmore.....	24	20	21	23	31	29	25	22	16	15	19	13	14	10	5	9	14	21	15	19	5	6	2	8	15	21	15	13	12	14	15.7				
Fruitland.....	5	6	15	18	20	12	19	20	12	19	0	3	5	-10	-13	-11	-4	8	3	-4	-10	-10	-6	-8	-5	-5	-1	-5	6	7	-15	0.3			
Government Creek.....	31	34	38	40	38	37	32	28	26	30	29	26	29	23	23	29	31	30	29	28	31	27	29	31	34	32	36	35	36	31	31.1				
Grayson.....	7	6	7	4	9	12	13	4	-9	10	-4	-14	-12	-2	-16	-12	-7	-4	-16	-15	-12	-6	-8	-10	-9	-3	9	18	4	2	4	2	3.1		
Green River.....	47	50	53	54	49	45	47	45	43	40	45	35	30	24	20	19	20	15	27	24	23	23	17	25	28	27	29	26	25	28	24.8				
Henefer.....	38	36	40	41	45	39	37	33	32	36	35	34	32	25	23	20	22	23	22	29	29	26	21	24	35	36	39	40	39	36	41.3				
Ibapah.....	40	39	45	48	45	40	41	37	25	21	37	30	27	26	27	24	23	25	24	25	27	31	37	30	35	38	39	49	49	33.1					
Kanab.....	6	7	31	31	23	18	20	5	5	19	-4	-3	-8	-12	-13	-4	-8	-7	-8	-9	-17	....	4	6	3	3	4	6	3	3	3.3			
Kelton.....	20	20	25	31	28	24	12	14	17	20	17	9	1	0	1	0	15	20	27	11	11	14	23	22	20	15	11	12	13	10	22	16.3			
Leeds (near) §§.....	10	12	15	25	23	20	17	14	18	15	18	10	13	12	-2	1	0	2	9	0	-2	-4	-2	0	3	5	2	0	8	4	10	12	8.2		
La Sal.....	42	48	41	44	40	36	35	31	31	32	31	27	27	28	29	29	26	29	31	32	31	31	34	34	40	39	36	30	29	35	34	33.3			
Leeds (near) §§.....	17	24	25	31	21	23	23	13	8	13	20	12	1	2	4	12	14	24	19	18	1	10	17	17	10	6	7	11	13.7						
Lemay.....	40	41	42	43	45	43	42	40	37	34	38	36	32	34	31	28	26	25	25	28	29	30	32	33	35	33	35	34	32	34	34.2				
Lovan.....	18	15	27	27	22	23	20	11	8	11	8	6	5	3	9	4	21	9	0	-1	0	0	-3	4	5	11	8	13	15	12	16	14.4			
Logan.....	40	36	47	46	46	38	39	35	32	33	32	30	29	26	20	22	26	26	18	12	13	25	21	25	30	29	32	31	31	33	29.8				
Low §§.....	19	17	20	32	30	31	30	24	22	22	20	19	15	6	2	1	1	4	9	4	-7	-6	0	9	4	5	6	8	11	24	14	12.7			
Manti.....	58	56	52	54	38	45	50	52	55	34	34	32	30	25	26	24	30	29	30	31	26	28	35	37	38	39	40	40	37	37	37.9				
Meadowville.....	38	36	40	44	44	40	39	38	34	30	33	30	25	26	25	25	22	29	25	30	31	32	33	32	37	36	37	37	36	32.7					
Milford.....	7	5	18	28	23	18	14	8	7	1	10	12	8	-2	-5	-2	-5	-2	-5	-7	-4	-6	-4	-4	3	3	1	3	2	3	3.7				
Moab.....	30	28	38	36	39	34	33	29	28	22	25	28	23	15	20	21	22	33	18	16	32	35	30	31	34	42	40	35	35	43	29.8				
Modena.....	39	46	45	46	53	47	46	37	37	38	38	33	30	29	26	29	26	28	24	27	22	29	35	38	38	41	33	37	42	34.3					
Monticello.....	11	9	31	24	21	17	18	12	6	6	1	-4	-8	12	12	4	2	-3	-5	1	-4	-3	19	14	10	8	4	6	8.1						
Moroni.....	38	39	48	40	39	55	56	34	28	34	30	30	26	24	25	28	32	33	32	30	34	36	30	35	31	30	31	30	31	30.1					
Mosida.....	6	20	25	30	23	17	15	14	11	12	17	4	7	0	15	21	25	22	11	1	6	15	18	11	12	13	10	9	8	11	13.6				
Parowan.....	46	43	42	53	44	37	38	39	38	40	41	31	30	28	29	30	31	32	33	34	35	36	34	35	36	34	35	35	35	35	34.3				
Pinto.....	43	42	47	48	51	49	43	37	35	37	36	35	30	28	26	26	26	29	24	27	28	35	34	36	35	32	32	35	35	35	35.0				
Provo.....	17	15	7	20	24	16	13	12	15	15	14	18	16	6	3	4	0	1	2	2	-2	-1	2	1	8	10	13	13	19	13	22	18.2			
Panguitch.....	46	44	45	43	40	39	36	38	40	35	37	35	28	24	30	30	32	32	33	30	24	27	28	32	30	37	32	37	30	38	34.4				
Park City.....	83	87	86	88	86	83	80	73	65	29	27	25	22	20	24	27	30	34	37	30	23	25	25	30	31	30	33	38	33	35	28.9				
Parowan.....	48	47	47	52	43	37	38	38	39	39	39	35	32	33	30	39	36	46	39	39	30	36	32	32	37	48	42	43	37	50	44	33	35	33	35.3
Richfield.....	43	50	50	57	50	47	42	47	36	38	40	34	33	32	25	26	24	27	22	20	24	24	25	26	26	31	30	37	34	35	34.5				
Sahara.....	43	40	48	47	42	43	41	39	42	38	38	36	31	26	29	31	32	33	34	35	36	32	33	34	34	45	46	42	38	39	37.5				
Seofield.....	13	11	25	20	24	25	23	10	7	9	8	9	10	-1	6	8	9	9	9	12	3	2	4	10	11	12	10	8	7	10	9	10.9			
Standrod.....	36	35	41	42	41	34	34	34	32	31	34	34	26	22	22	20	24	28	24	27	25	26	26	31	36	35	41	33	30</td						

DECEMBER, 1914.

CLIMATOLOGICAL DATA: UTAH SECTION.

95

Daily Precipitation for December, 1914.—Continued.

Stations.	Day of month.																													Total.							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31						
Scipio					.03	.01	.19																														
Scipio (near)					.02	.07	T																												.037		
Scofield	(C)	10			T	.30	.30	.10																										.045			
Silver City																																					1.00
Smyths																																					
Snake Creek					T	.27	.08	.15	T																												
Snowville																																					
Spanish Fork																																					
Springdale	(C)																																				
Standrod																																					
Sunyside	(C)																																				
Teasdale	(C)																																				
Thistie																																					
Thompson's	(C)																																				
Tooele																																					
Tremonton																																					
Tropic																																					
Trout Creek Ranger	(C)																																				
University of Utah																																					
Vernal	(C)																																				
Vernon																																					
Victor	(C)																																				
Wendover																																					
Whiskey Creek																																					
Winder																																					
Woodruff																																					
Woodside	(C)																																				

* Precipitation included in the next following measurement. † Separate dates of falls not recorded. T. Indicates Trace, or less than 0.01 inch of rain or melted snow. Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation.

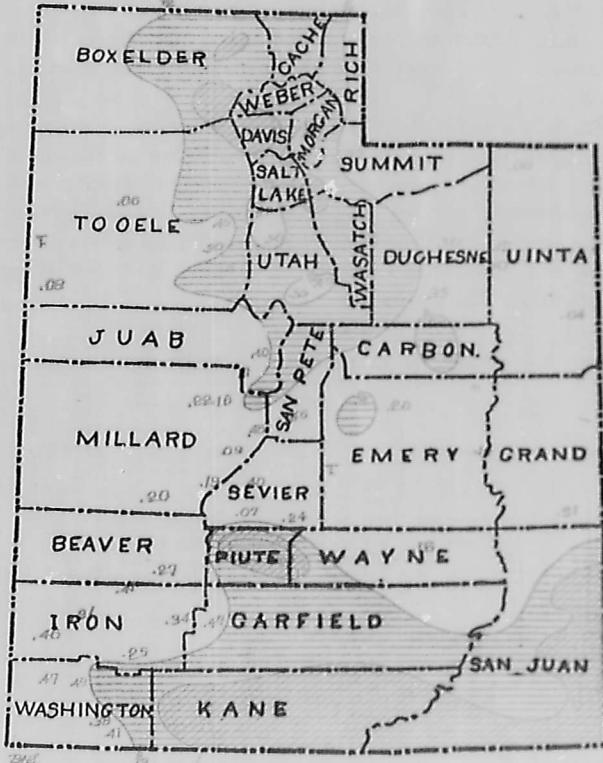
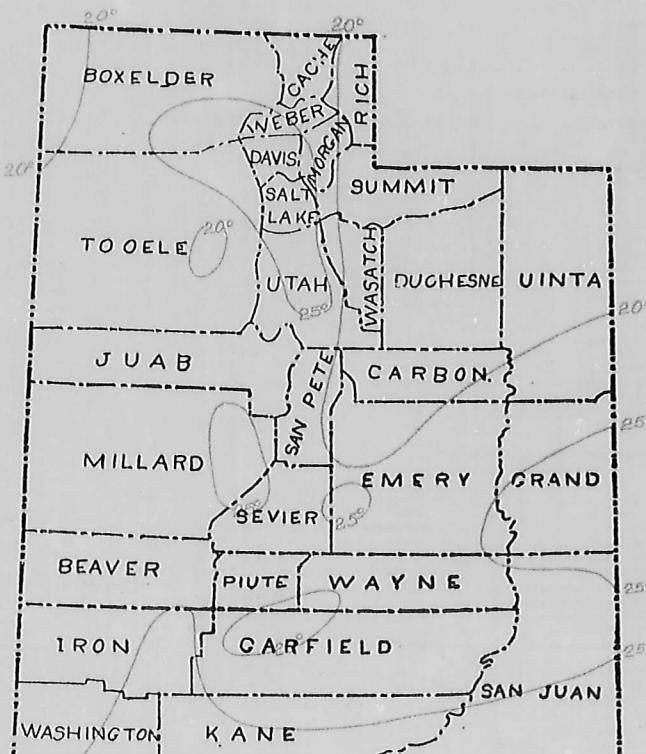
||| Precipitation measured in the morning; amount then recorded is for the preceding 24 hours.

*** Regular Weather Bureau stations; precipitation is for the 24 hour period, midnight to midnight.

All stations are in the Great Basin except those marked (C) which are in the Colorado River drainage area.

Mean Temperature, December, 1914.

Total Precipitation, inches, December, 1914.



SCALE OF SHADES—IN INCHES

Less than 1	1-2	2-5	5-10	10+
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24

DECEMBER, 1914.

SNOW CONDITIONS IN UTAH ENDING DECEMBER 31, 1914.

GENERAL SUMMARY.

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In the Salt Lake watershed a very small amount of snow fell, and the water equivalent was small. As a rule the snow was in poor condition for late keeping, being very light and loose, and most of it undrifting. A like condition prevailed in the Sevier Lake and Colorado and Grand rivers watersheds. What snow there was in the mountains was very light, and very little lay at elevations below the 7,500-foot level.

Beginning with this season this bulletin will have an increased significance due to the cooperation with the Forest Service. Snow stakes of the standard Weather Bureau pattern have been installed on most of the forest reserves of Utah. These stakes are 90 inches high, made of cypress and well painted. On one side is an enameled iron scale, graduated in inches, and read by means of brass figures screwed on an adjacent side. These wooden stakes are bolted to a piece of galvanized steel angle, which is driven into the earth. Forest rangers make special trips to these stakes the latter part of each winter month, which trips are in many cases long and arduous. This further cooperation of the Forest Service with the Weather Bureau will be the means of placing before the public of this State data of the greatest value, which will have an increasing importance as the work becomes better organized and the records carried through one year.

On the last of December the deepest snow encountered by the forest rangers varied from 14 to 19 inches in Spring Hollow of the Logan River; and the condition of the snow on all the reserves was similar to that described above. The prospects of the water supply for the coming irrigation season is very poor, based, of course, on the condition and amount of snow lying on the ground at the end of December.

DEPTH OF SNOW IN INCHES ON FOREST RESERVES.

Forest.	Drainage Basin.	Sub-Basin.	Average depth at stakes.	Average depth in vicinity.
Cache	Bear Lake	Left Hand Fork Garden City Canyon	12	13
Cache	Logan	Spring Hollow	16	19
Filmore	Sevier	Beaver	4	4
Filmore	Sevier	Clear	4	4
Filmore	Sevier	Deer and Corn	6	4
Filmore	Sevier	Oak Creek	7	5
La Sal	San Juan	Montezuma	8	8
Uinta	Duchesne	Indian	7	8
Uinta	Green	Middle Black Fork	15	11
Uinta		Salt Creek	4	4
Uinta	Provo	Daniels	12	12
Wasatch	American Fork	Strawberry	12	12
Wasatch	Weber	South Fork	10	
Wasatch	Bear	Beaver	7	
Wasatch	Duchesne	Mill Creek	7	8
Wasatch		Mouth of North Fork	3	3

Silver King Mine, near Park City, 5 inches of snow.
Daly-Judge Mine, near Park City, 6 inches of snow.

Stations.	Counties.	At station (inches)			Estimated depth in adjacent mountains or hills.	
		On ground at end of month.	Total snowfall for the month.	Total precipitation for the month.	Indices	Compared with last year.
Great Salt Lake Watershed.						
Corinne	Boxelder	6.0	0.60	—	—	—
Grouse Creek	do	1.0	5.9	0.46	4	—
Kelton	do	T.	3.0	0.58	—	—
Lenay	do	0.0	4.5	0.45	6	—
Lucin	do	0.0	—	0.04	4	—
Snowville	do	—	—	0.50	—	—
Standrod	do	0.3	3.6	0.13	7	—
Tremonton	do	—	—	0.55	—	—
Logan	Cache	7.0	0.55	40	—	—
Millville	do	—	—	0.59	11	—
Richmond	do	—	—	5.2	0.93	5
Farmington	Davis	9.5	1.28	15	—	—
Morgan	Morgan	4.0	0.49	9	—	—
Meadowville	Rich	0.5	0.50	6	—	—
Midvale	Salt Lake	T.	2.5	0.31	6	—
Mill Creek	do	0.3	13.5	1.03	48	—
Revier	do	—	—	0.42	10	—
Casterrock	Summit	3.0	5.5	0.33	8	—
Henefer	do	—	—	6.5	0.63	6
Park City	do	9.0	17.1	0.80	—	—
Government Creek	Tooele	0.0	5.8	0.66	6	—
Grantsville	do	—	—	4.6	0.43	—
Iosepa	do	—	—	0.85	24	+
Tooele	do	0.2	2.0	0.57	—	—
Vernon	do	4.0	12.0	0.51	9	—
American Fork	Utah	14.0	0.93	18	—	—
Elberta	do	—	—	8.0	0.73	4
Lehi	do	—	—	1.0	0.30	12
Oak City	do	—	—	—	5	—
Spanish Fork	do	—	—	4.8	0.40	1
Thistle	do	—	—	5.3	0.56	1
Heber	Wasatch	11.0	0.60	24	—	*
Snake Creek	do	6.0	17.5	1.33	12	—
Ogden	Weber	—	5.2	0.81	6	—
Sevier Lake Watershed.						
Minersville	Beaver	0.0	4.5	0.27	2	—
Nada	do	T.	5.9	0.41	6	—
Smyths	do	0.0	0.7	0.05	17	—
Panguitch	Garfield	0.3	4.0	0.42	14	—
Winder	do	—	—	0.34	—	—
Modena	Iron	0.6	5.0	0.46	3	—
Parowan	do	—	—	0.34	—	—
Levan	Juab	3.5	0.40	4	—	—
Mills	do	—	—	0.11	5	—
Nephi	do	—	—	0.65	4	—
Black Rock	Millard	0.0	2.1	0.20	6	—
Deseret	do	—	—	6.0	0.22	3
Filmore	do	—	—	—	0.09	12
Oak City	do	—	—	—	0.10	5
Scipio	do	—	—	9.0	0.67	12
Marysvale	Plute	—	—	2.09	10	—
Manti	Sanpete	0.0	5.0	0.45	18	—
Moroni	do	2.5	—	0.71	10	—
Utah Experiment Station	do	—	—	—	20	—
Burrville	Sevier	—	—	2.4	0.24	4
Belpaup Ranger Station	do	—	—	—	8	—
Ridgefield	do	—	—	4.5	0.40	—
Green and Colorado Rivers Watershed.						
Scofield	Carbon	10.0	1.00	6	—	—
Summerville	do	0	7.5	0.51	6	—
Duchesne	T.	3.3	0.33	—	—	—
Fruitland	do	—	7.5	0.70	18	—
Mountain Home	do	—	3.0	0.30	8	—
Castle Dale	Emery	—	0.65	12	—	—
Every	do	T.	T.	—	—	—
Victor	do	—	2.0	0.20	—	—
Tropic	Garfield	8.0	0.80	6	—	—
Orderville	Kane	—	1.12	6	—	—
Grayson	San Juan	—	1.51	18	*	—
La Sal	do	—	4.0	0.50	16	—
Monticello	do	—	18.5	1.85	2	—
Dragon	Uinta	—	0.64	0	—	—
Hayden	do	—	9.12	12	—	—
Vernal	do	—	0.20	12	—	—
Whiterocks	do	—	—	8	—	—
Teasdale	Wayne	1.0	5.0	0.50	5	—
Enterprise	Washington	—	5.0	0.47	12	+
Hurricane	do	—	0.0	0.38	12	—
New Harmony	do	—	1.0	8.0	24	+
Pine Valley	do	—	—	—	10	—
Pinto	do	—	—	0.49	3	—
Springdale	do	—	—	—	12	+

+ indicates more; - indicates less, and * indicates average.

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DECEMBER, 1914.

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Forest.	Drainage Basin.	Sub-Basin.	Average depth at stakes.	Average depth in vicinity.
Cache	Bear Lake	Left Hand Fork Garden City Canyon	12	13
Cache	Logan	Spring Hollow	16	19
Fillmore	Sevier	Beaver	4	4
Fillmore	Sevier	Clear	4	4
Fillmore	Sevier	Deer and Corn	6	4
Fillmore	Sevier	Oak Creek	7	5
La Sal	San Juan	Montezuma	8	8
Uinta	Duchesne	Indian	7	8
Uinta	Green	Middle Black Fork	15	11
Uinta	Provo	Salt Creek	4	4
Uinta	Duchesne	Daniels	12	12
Wasatch	American Fork	Strawberry	12	12
Wasatch	Weber	South Fork	16	.....
Wasatch	Bear	Beaver	7	8
Wasatch	Duchesne	Mill Creek	7	3
Wasatch	Duchesne	Mouth of North Fork	3	3

Silver King Mine, near Park City, 5 inches of snow.

Daly-Judge Mine, near Park City, 6 inches of snow.

Stations.	Counties.	At station (inches.)			Estimated depth in adjacent mountains or hills.		Prospective water supply compared with average
		On ground at end of month.	Total snowfall for the month.	Total precipitation for the month.	Inches.	Contested with last year.	
Great Salt Lake Watershed.							
Corinne	Boxelder	6.0	0.60	4	—	—	—
Grouse Creek	do	1.0	5.9	0.46	4	—	—
Kelton	do	T.	3.0	0.58	6	—	—
Lemay	do	0.0	4.5	0.45	6	—	—
Snowville	do	0.0	0.64	4	—	—	—
Standrod	do	0.3	3.6	0.13	7	—	—
Tremonton	do	—	0.55	—	—	—	—
Logan	Cache	—	7.0	0.55	40	—	—
Millville	do	—	—	0.59	11	—	—
Richmond	do	—	5.2	0.93	5	—	—
Farmington	Davis	9.5	1.28	15	—	—	—
Morgan	Morgan	4.0	0.49	9	—	—	—
Meadowville	Ride	—	0.5	0.50	6	—	—
Midvale	Salt Lake	T.	2.5	0.31	6	—	—
Mill Creek	do	0.3	13.5	1.03	48	—	—
Revier	Summit	—	—	0.42	10	—	—
Castlerock	Henefer	—	6.5	0.63	6	—	—
Park City	Tooele	0.0	5.8	0.66	6	—	—
Government Creek	do	—	4.6	0.43	—	—	—
Grantsville	Josepa	—	—	0.85	24	+	—
Lehi	Tooele	0.2	2.0	0.57	—	—	—
Oak City	Vernon	4.0	12.0	0.51	9	—	—
Spanish Fork	American Fork	—	14.0	0.93	18	—	—
Thistle	Utah	—	8.0	0.73	4	—	—
Heber	do	1.0	0.30	12	—	—	—
Snake Creek	Wasatch	—	4.8	0.40	5	—	—
Ogden	do	11.0	0.60	24	—	—	—
Weber	Weber	6.0	17.5	1.33	12	—	—
	—	—	5.2	0.81	6	—	—
Sevier Lake Watershed.							
Minersville	Beaver	0.0	4.5	0.27	2	—	—
Nada	do	T.	5.9	0.41	6	—	—
Smyths	do	0.0	0.7	0.05	17	—	—
Panguitch	Garfield	0.3	4.0	0.42	14	—	—
Winder	do	—	—	—	8	—	—
Modena	Iron	0.6	5.0	0.46	3	—	—
Parowan	do	—	—	0.34	—	—	—
Levan	Juab	—	3.5	0.40	4	—	—
Mills	do	—	—	0.11	5	—	—
Nephi	do	—	—	0.08	4	—	—
Black Rock	Millard	0.0	2.1	0.20	0	—	—
Desert	do	—	6.0	0.22	3	—	—
Fillmore	do	—	—	0.09	12	—	—
Oak City	do	—	—	0.10	5	—	—
Seipio	do	—	9.0	0.67	12	—	—
Marysville	Piute	—	—	2.09	10	—	—
Manti	Sanpete	0.0	5.0	0.45	18	—	—
Moroni	do	2.5	—	0.71	19	—	—
Utah Experiment Station	do	—	—	—	20	—	—
Burrville	Seyler	—	2.4	0.24	4	—	—
Belnap Ranger Station	do	—	—	—	8	—	—
Riefield	do	—	4.5	0.40	—	—	—
Green and Colorado Rivers Watershed.							
Scofield	Carbon	—	10.0	1.00	6	—	—
Sunnyside	do	0.0	7.5	0.51	6	—	—
Duchesne	do	T.	3.3	0.33	—	—	—
Fruitland	do	—	7.5	0.70	18	—	—
Mountain Home	do	—	3.0	0.30	8	—	—
Castle Dale	Emery	—	—	0.65	12	—	—
Montezuma	do	—	T.	T.	—	—	—
Indian	do	—	2.0	0.20	—	—	—
Middle Black Fork	Tropic	—	8.0	0.80	6	—	—
Salt Creek	Garfield	—	—	1.12	6	—	—
Daniels	Kane	—	—	1.51	18	*	*
Strawberry	do	—	4.0	0.50	16	—	—
South Fork	La Sal	—	18.5	1.85	2	—	—
White Rocks	do	—	—	0.04	0	—	—
Teasdale	Uinta	—	—	0.12	12	—	—
Enterprise	do	—	—	0.20	12	—	—
Hurricane	Vernal	—	—	—	8	—	—
New Harmony	do	—	—	—	2	—	—
Pine Valley	Whiterocks	—	—	—	—	—	—
Pinto	do	—	—	—	—	—	—
Springdale	Wayne	1.0	5.0	0.50	5	—	—
	Washington	—	5.0	0.47	12	+	*
	do	—	0.0	0.38	12	—	*
	do	—	1.0	8.0	24	+	*
	Pinto	—	—	—	10	—	—
	do	—	—	0.49	3	—	—
	do	—	—	—	12	—	—

Indicates more: — indicates less, and * indicates average.

35

DECEMBER, 1914.

CLIMATOLOGICAL DATA: UTAH SECTION.

95

Daily Precipitation for December, 1914.—Continued.

Stations.	Day of month.																													Total.		
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Scipio					.03	.01	.19				.26	T.				.18	T.		T.												0.67	
Scipio (near)					.02	.07	T.				.14	T.				.07	.15		T.												0.45	
Scofield	(C)	10			.30	.30	.10											.10													1.00	
Silver City																																
Smyths																																
Snake Creek																																
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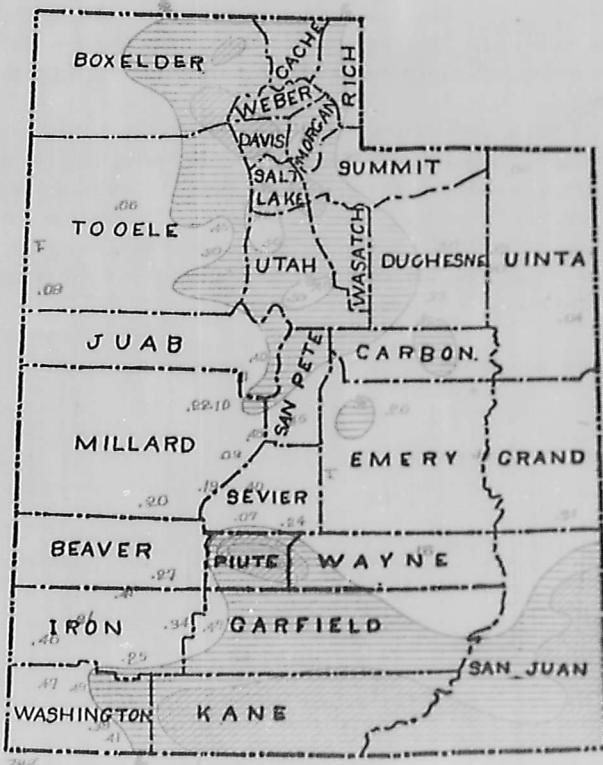
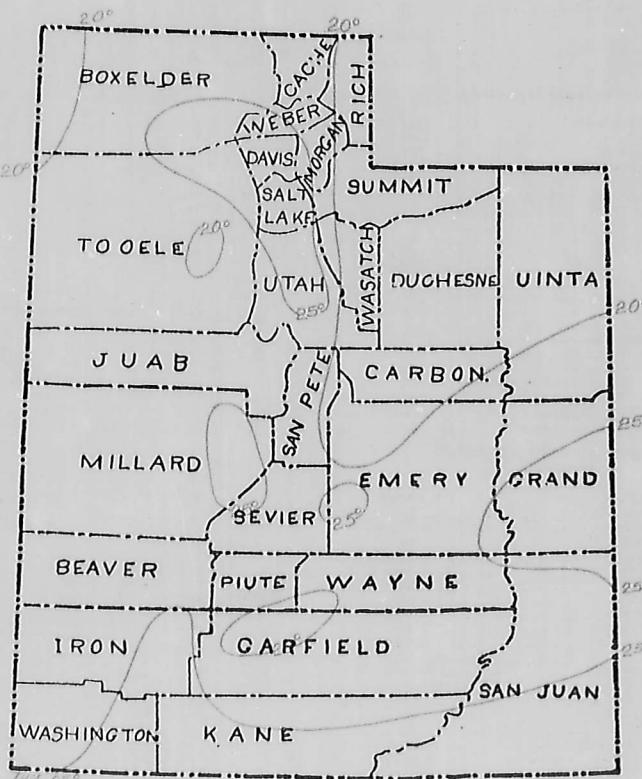
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Mean Temperature, December, 1914.

Total Precipitation, inches, December, 1914.

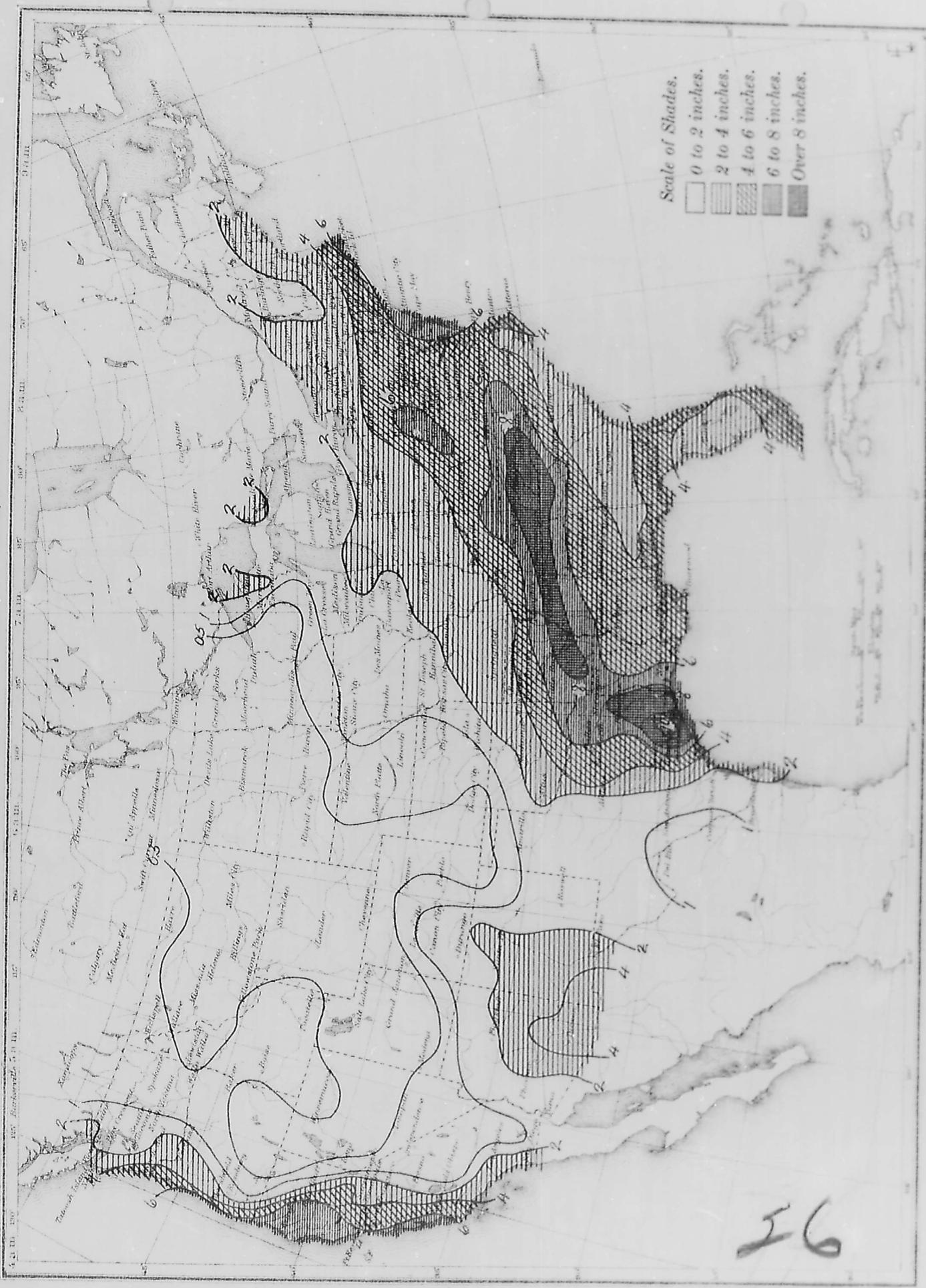


SCALE OF SHADES—IN INCHES

Less than 1	1 to 2	2 to 3	3 to 4	4 to 5
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Total Precipitation, inches, December, 1914.



U. S. DEPARTMENT OF AGRICULTURE
WEATHER BUREAU
CHARLES F. MARVIN, CHIEF

CLIMATOLOGICAL DATA

UTAH SECTION

ANNUAL SUMMARY, 1914.

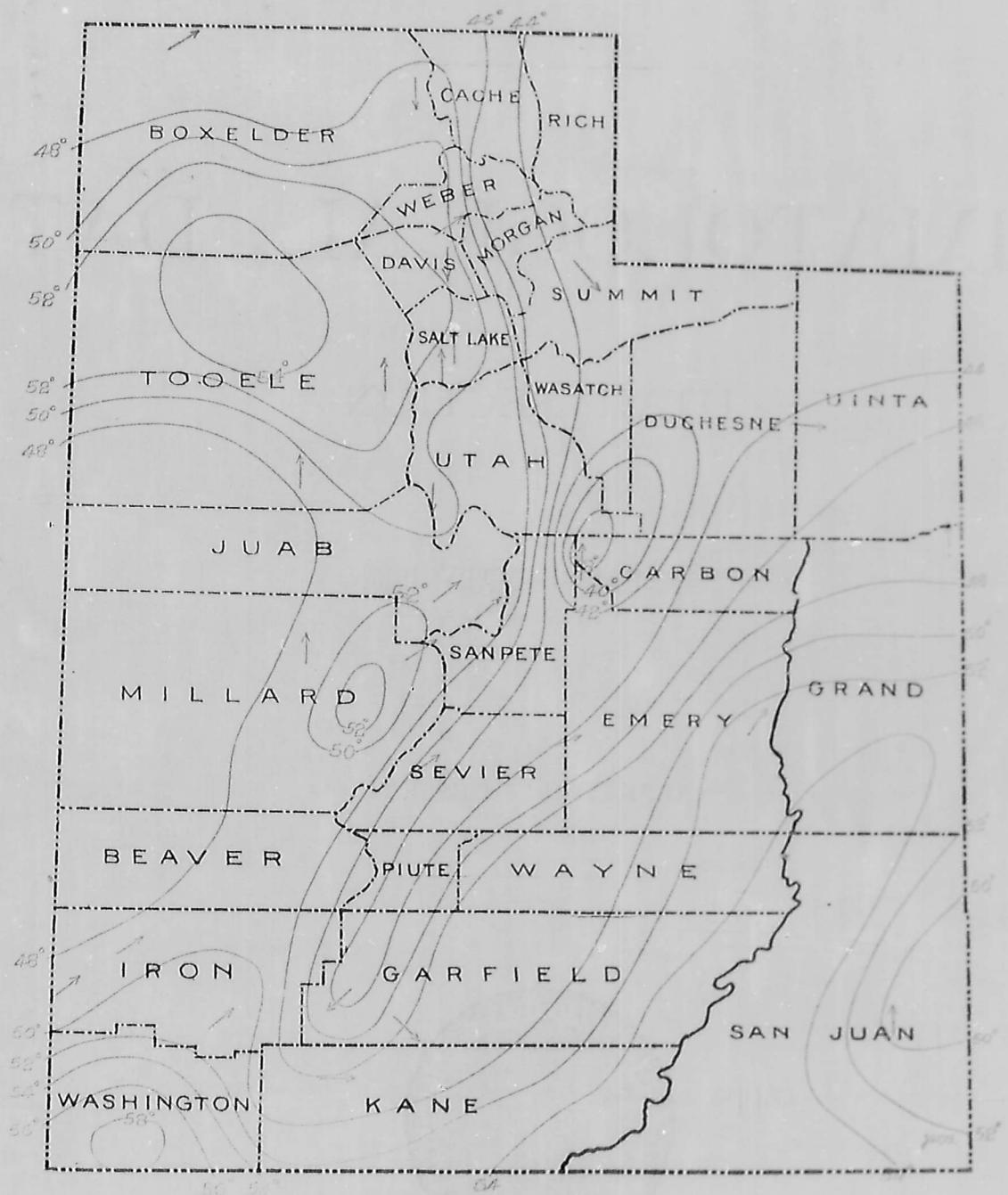
BY
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SECTION DIRECTOR



SALT LAKE CITY, UTAH
WEATHER BUREAU OFFICE
JANUARY 30, 1914.

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MEAN TEMPERATURES AND PREVAILING WINDS, YEAR 1914.



U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

UTAH SECTION.

ALFRED H. THIESSEN, Section Director.

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GENERAL SUMMARY.

The weather during the year 1914 was noteworthy not so much as to its general features, but as to many particulars throughout the year. Both temperature and precipitation averaged above normal. The snow stored in the mountains at the beginning of spring was abundant, and there was consequently no lack of water in the irrigating ditches during the growing season. There was an unusual number of clear days and therefore ample sunshine. No severe frosts occurred during the critical periods in spring or autumn, except at stations having considerable elevation, where some slight damage was done to garden truck.

From an agricultural point of view the year was a very successful one. The weather conditions were such that all crops fared well. Large yields of grains were harvested and threshed although there were some reports of wheat rusting due to the damp weather; the fruit crop was very good as to quality and quantity; but potatoes suffered considerably from blight.

The chart of mean temperature on page 100 exhibits the usual features. Areas of warmest weather were the valleys of the Colorado and Grand rivers, Washington County, and the valleys of Sevier and Great Salt lakes with the desert west of the latter lake; while areas of cooler weather were over the Wasatch and Uinta mountains. The temperature lines, isotherms, follow in a general manner the natural topographical features of the State.

The precipitation chart on page 109 shows the amount of precipitation for the year for the various parts of the State, and is remarkably similar to the chart of normal precipitation both in regard to amount and distribution.

The annual mean temperature for the State was 48.7° , or 0.5° above normal, being somewhat above that for last year. The highest previous State mean was 49.9° in 1910, and the lowest was 46.5° in 1894. January is usually the coldest month, but this year December was the coldest, whose temperature was 22.6° , or 4.2° below normal. The hottest month was August whose temperature was 70.5° , or just normal.

The precipitation for the State was 13.69 inches, or 0.84 inch above normal. January was the wettest month with an average of 2.61 inches, which is 1.28 inches above normal; and June was the next with an average of 2.03 inches, which is 1.47 inches above normal. The greatest local monthly amount was 7.60 inches at Park City in January. The greatest local annual amount was 23.83 inches at Lower Mill Creek; and the least was 5.09 inches at Wendover.

The average number of rainy days for the year was 66.

THE WEATHER BY MONTHS.

January.—This month was remarkable for the unusual amount of snow that fell in all parts of the State. It was very deep in places, many country roads being blocked, necessitating the closing of some rural schools. Range cattle suffered and many had to be fed; dry farms on the other hand were greatly benefited.

February.—During this month favorable conditions were reported everywhere throughout the State. The snow supply in the mountains was large, and the ranges were in good condition.

March.—The first month of spring was mild and dry, and therefore very favorable for outside work. Plowing was done under the best conditions. Some light frosts occurred but no damage was done. At the end of the month the snow supply

was large and in excellent condition for late keeping. The valleys and lower foot-hills were bare of snow and saturated with water to a great depth.

April.—Storms were frequent during this month, the precipitation being generally in the form of rain which was beneficial to crops; however, planting was delayed in some places due to the very moist condition of the ground. Rain or snow occurred every day in some parts of the State. There were no periods of very low temperatures, and while frost occurred at some stations, damage was slight and only to early fruit.

May.—The temperature was the highest of record for May, excepting in the years of 1897, 1900 and 1901, the excess being general over the entire State. However, in limited localities and generally in the higher districts, frost killed fruit and garden truck, but there was no damage in the large fruit producing areas of the State. Rain was deficient, but irrigation water was plentiful everywhere, the warm weather causing rapid melting of the mountain snows. This condition continued until the close of the month when more moisture was needed on the ranges and dry-farms.

June.—The temperature was unusually low, the State average being the lowest since 1908, temperatures of freezing or below being reported at most stations, and the monthly minimum being the lowest of record for the State. There was an unprecedented number of rainy days, and the average precipitation was the greatest on record. Snow falling on the 5th and 6th was one of the heaviest falls ever recorded in June, 10 inches being measured at Tooele. In spite of the unusual meteorological conditions, crops did well.

July.—This month was cooler than usual, and the precipitation averaged more than that of any previous July of record, excepting that of 1896 when the same average was recorded. Some slight damage was reported from hail and inopportune precipitation in grain fields. The damp weather caused rust on wheat, and potato blight was reported in places. In general, however, the agricultural conditions were splendid, and the condition of fruit was better and the yield larger than for years.

August.—Precipitation deficiency was general throughout the State, there being 18 stations that reported no rain or only a trace. The month was favorable for agricultural interests, most crops being abundant. There were no frosts at places of moderate elevation, but in the higher districts light frosts occurred, but no damage was sustained. At the close of the month large crops of grain had been harvested and threshed.

September.—This was an ideal month for harvesting; rainfall was light, temperatures about normal and sunshine abundant. However in the higher valleys frost damaged tender vegetation and in places tomatoes were delayed in ripening. A windstorm on the 15th caused some loss of fruit and alfalfa. The precipitation was the lightest for September since 1907, only 5 stations having normals reported excesses.

October.—Ideal conditions prevailed during this month. Temperature and precipitation were above normal, and there were plenty of clear days for outside work. The rains softened the ground for plowing and considerable planting was accomplished. At the end of the month practically all crops were gathered, and in nearly all cases good yields were obtained.

November.—Temperature during this month was somewhat above the normal, but the precipitation was much below, and the month was the second driest on record. Plowing was done in many parts of the State up to the 26th when rain fell. Snowfall in the mountains was very light and many reported that it was the lightest ever known in November.

December.—This month was the second coldest December since 1895. The particular feature was the uninterrupted period of cold extending from the 6th to the end of the month. The month was unusually dry, very little snow having fallen on the mountains and at the end of the month the prospective water supply was very poor.

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CONDENSED STATE SUMMARY FOR THE YEAR, 1914.

Months.	Temperature, in degrees Fahrenheit.			Precipitation, in inches.			Average number of days—			Prevailing direction of the wind.
	Mean.	Departure from the normal.	Highest.	Lowest.	Average.	Departure from the normal.	Greatest local amount.	With precipitation.	Clear.	
										Cloudy.
January.....	28.5	+ 1.8	71	-33	2.61	+ 1.28	7.68	9	11	sw.
February.....	29.6	- 0.7	70	-22	0.92	- 0.37	4.39	5	12	s.
March.....	41.0	+ 1.8	90	- 3	0.63	- 0.85	1.92	4	19	n.
April.....	49.1	+ 1.3	91	14	1.94	+ 0.44	4.80	8	9	sw.
May.....	58.2	+ 3.0	101	17	0.65	- 0.61	2.11	5	15	sw.
June.....	62.6	- 2.2	104	11	2.03	+ 1.42	4.42	8	14	s.
July.....	70.1	- 2.0	110	31	1.81	+ 1.27	5.19	8	10	sw.
August.....	70.5	0.0	109	27	0.41	- 0.54	3.62	3	17	sw.
September.....	61.1	- 0.1	100	18	0.48	- 0.57	2.11	3	18	sw.
October.....	51.5	+ 2.2	90	16	1.47	+ 0.40	3.87	5	18	sw.
November.....	38.9	+ 1.1	85	- 5	0.12	- 0.82	0.59	1	23	s.
December.....	22.6	- 4.2	59	-26	0.53	- 0.38	2.02	4	14	n.
Annual....	48.6	+ 1.7	110	-33	13.60	+ 0.06	7.86	63	180	93
										sw.

COMPARATIVE ANNUAL DATA FOR LAST 23 YEARS.

Year.	Temperature.			Number of days			Prevailing wind.		
	Mean.	Highest.	Lowest.	Average precipitation.	Rainy (0.01 inch or more).	Clear.	Partly Cloudy.	Cloudy.	
1892.....	48.4	116	-34	9.50	48	150	114	92	sw.
1893.....	46.7	112	-32	10.56	54	200	95	70	sw.
1894.....	46.5	109	-34	11.43	33	10.66	48	200	sw.
1895.....	46.6	110	-33	10.66	48	10.66	48	200	sw.
1896.....	48.1	112	-17	12.20	52	174	112	80	sw.
1897.....	47.1	111	-24	14.65	65	167	113	85	sw.
1898.....	47.0	115	-34	10.61	51	203	98	64	sw.
1899.....	48.6	110	-50	12.10	52	183	98	85	sw.
1900.....	49.8	111	-27	8.38	40	206	87	72	sw.
1901.....	49.9	115	-26	10.05	48	196	92	77	sw.
1902.....	48.4	114	-38	9.17	41	201	87	77	sw.
1903.....	47.2	110	-39	10.21	44	209	82	74	n.
1904.....	48.5	109	-26	11.43	50	193	95	78	n.
1905.....	48.2	112	-35	13.58	57	192	87	86	sw.
1906.....	48.2	110	-39	18.34	69	169	93	103	sw.
1907.....	49.6	121	-22	16.07	68	156	108	101	sw.
1908.....	47.7	109	-34	14.82	59	183	95	88	sw.
1909.....	46.6	110	-35	19.31	68	164	100	101	sw.
1910.....	49.9	114	-34	11.25	51	177	99	89	sw.
1911.....	47.2	110	-30	13.02	51	173	101	91	sw.
1912.....	46.6	105	-33	14.15	63	157	108	101	s.
1913.....	46.8	111	-50	12.88	59	160	102	103	sw.
1914.....	48.6	110	-33	13.60	63	180	93	92	sw.

GREAT SALT LAKE WATER LEVEL RECORDS AT SALTAIR.
(Feet and tenths.)

Zero of gage is 4,212.9 feet above sea level.

Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
1914.	1st +5.0 +5.4 +5.7 +5.9 +6.2 +6.4 +6.7 +6.4 +5.9 +5.5 +5.6 +5.5 +5.8	15th +6.1 +5.5 +5.8 +6.0 +6.3 +6.7 +6.6 +6.2 +5.6 +5.6 +5.6 +5.5 +5.8										

Record from 1904 to 1914, inclusive.

Average....	1st +2.8 +3.1 +3.4 +3.8 +4.0 +4.3 +4.3 +4.0 +3.6 +3.3 +3.2 +3.3 +3.5
15th	+2.9 +3.2 +3.6 +3.9 +4.1 +4.3 +4.2 +3.8 +3.4 +3.2 +3.2 +3.3 +3.5
Highest....	1st +5.7 +6.0 +6.2 +6.7 +7.0 +7.0 +6.7 +6.4 +6.5 +5.5 +5.6 +5.5 +7.1
Lowest....	1st -1.0 -0.8 -0.5 +0.1 +0.5 +0.7 +0.4 -0.1 -0.6 -0.9 -1.1 -1.0 -1.1
15th -0.8 -0.7 0.0 +0.4 +0.7 +0.7 +0.1 -0.3 -0.9 -1.0 -1.1 -1.0 -1.1	

1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	Period
Average....	+ 0.4 - 0.1	+ 0.3 + 2.5 + 3.5 + 4.9 + 6.0 + 5.5 + 5.2 + 5.4 + 5.8 + 3.5									
Highest....	+ 1.5 + 0.8 + 1.4 + 3.8 + 4.1 + 5.7 + 7.1 + 6.3 + 5.8 + 6.0 + 6.7 + 7.1 + 7.1										
Lowest....	- 0.5 - 1.1 - 1.0 + 0.5 + 3.0 + 3.4 + 5.0 + 4.7 + 4.7 + 4.8 + 5.0 - 1.1										

KILLING FROSTS.

Stations.	Last in Spring.	First in Autumn.	Stations.	Last in Spring.	First in Autumn.
Beaver.....	June 6 ²	Sept. 14 ⁸	Moab.....	Mar. 25 ²	Sept. 11
Black Rock.....	Mar. 28 ²	Nov. 10 ³	Modena.....	May 2 ²	do 13
Bluff.....	June 24 ²	Sept. 21 ⁸	Monticello.....	do 2 ²	do 14
Brigham City.....	do 6 ²	do 13 ⁸	Morgan.....	do 6 ²	do 12 ⁸
Burville.....	June 27 ²	Sept. 11 ⁸	Moroni.....	do 5 ²	do 14 ⁸
Castle Dale.....	May 1 ²	do 14 ⁸	Mountain Home.....	Apr. 27 ²	do 14 ⁸
Cedar City.....	June 6 ²	do 13 ⁸	Nephi.....	June 6 ²	Sept. 13
Center.....	do 23 ²	do 13 ⁸	Oak City.....	May 1 ²	Nov. 8 ⁸
Corinne.....	do 6	do 22 ⁸	Ogden.....	Sept. 1 ²	do 13 ⁸
Deseret.....	May 5 ²	do 14 ⁸	Panguitch.....	June 24 ²	do 14
Dragon.....	do 13 ²	do 7	Park City.....	do 22 ²	do 14 ⁸
Duchesne.....	June 27 ²	Sept. 11 ⁸	Parowan.....	do 6 ²	do 14 ⁸
East Portal.....	May 5 ²	Sept. 14 ⁸	Pine View.....	do 6 ²	do 14 ⁸
Elberta.....	do 27 ²	Sept. 14 ⁸	Pinto.....	June 27 ²	Sept. 14
Emery.....	June 18 ²	Sept. 14 ⁸	Price.....	do 2 ²	do 13
Escalante.....	do 23 ²	do 13 ⁸	Provo.....	June 24 ²	do 14 ⁸
Farmington.....	May 5 ²	Nov. 4	Ranch.....	do 24 ²	Aug. 29 ⁸
Fillmore.....	do 13 ²	Oct. 5 ⁸	Richfield.....	May 12 ²	Sept. 13
Ft. Duchesne.....	June 27 ²	Sept. 11 ⁸	Riverdale.....	Mar. 14 ²	Sept. 13
Fruitland.....	do 27 ²	Sept. 11 ⁸	St. George.....	do 22 ²	do 13
Garland.....	do 27 ²	Sept. 11 ⁸	Sahara.....	May 2 ²	Sept. 14
Garrison.....	June 6 ²	do 16 ⁸	Saltair.....	Mar. 22 ²	Nov. 8 ⁸
Government Creek.....	do 18 ²	do 15 ⁸	SALT LAKE CITY.....	do 24 ²	do 15
Grayson.....	do 18 ²	Oct. 5 ⁸	Santaquin.....	May 5 ²	Oct. 4
Green River.....	do 18 ²	Oct. 5 ⁸	Scipio.....	do 22 ²	do 13 ⁸
Hanksville.....	May 2 ²	do 17	Scofield.....	June 6 ²	Sept. 13
Heber.....	June 27 ²	Aug. 23 ⁸	Snake Creek.....	May 12 ²	Sept. 14
Henefer.....	do 7 ²	do 23 ⁸	Snowville.....	do 22 ²	do 13
Ibapah.....	do 6	Sept. 9	Spanish Fork.....	Apr. 23 ²	Nov. 7 ⁸
Isopah.....	May 2 ²	Sept. 14 ⁸	Springdale.....	June 7 ²	Sept. 13 ⁸
Kelton.....	June 22 ²	do 14 ⁸	Standrod.....	June 7 ²	Sept. 13 ⁸
La Sal.....	May 12 ²	do 14 ⁸	Teasdale.....	do 22 ²	do 13
Leeds (Echo Farm).....	Feb. 25 ²	Nov. 14 ⁸	Tristie.....	do 22 ²	do 13
Lehi.....	May 1 ²	Sept. 14 ⁸	Thompson's.....	June 6 ²	Sept. 13
Lemay.....	June 5 ²	do 15 ⁸	Tooele.....	do 22 ²	do 13
Levan.....	do 6 ²	Oct. 5	Tremonton.....	do 24 ²	do 13 ⁸
Logan.....	do 7 ²	Sept. 13 ⁸	Tropic.....	do 24 ²	do 13 ⁸
Low.....	May 5 ²	Oct. 3 ⁸	University of Utah.....	do 24 ²	do 13 ⁸
Lower Mill Creek.....	June 6 ²	Nov. 10 ⁸	Vernal.....	Apr. 12 ²	Sept. 13
Lucin.....	do 6 ²	Sept. 12 ⁸	Wendover.....	Apr. 1 ²	Nov. 6 ⁸
Manila.....	do 22 ²	do 10	Woodruff.....	June 22	do 13
Manti.....	May 13 ²	do 13	Woodside.....	do 22 ²	do 13
Marysville.....	do 22 ²	Sept. 13 ⁸			
Meadowville.....	June 22 ²	Sept. 13 ⁸			
Midlake.....	May 3 ²	Sept. 21			
Midvale.....	do 4 ²	Sept. 21			
Millford.....	do 1 ²	do 14 ⁸			

* No frost reported; temperature 32°, or below, without precipitation.

** Temperatures below 32° every month.

SUPPLEMENTARY TABLE, MONTHLY AND ANNUAL PRECIPITATION FOR THE YEAR 1914.

Stations.	January	February	March	April	May	June	July	August	September	October	November	December	Annual
Alpine.....	3.55	1.08	1.60	2.77	7.22	2.27	1.12	.00	28.2	24	67	60	16.30
Beaver Ranger Station.....	....	....	....	....	....	....	....	....	26.3	32	12	94	....
Beaver Creek Nursery.....	....	....	....	....	....	....	....	....	2.57	....	49.2	81	....
Belknap Ranger Station.....	67	62.2</											

Climatological Data for the Year 1914.

Stations.	Counties.	Elevation, feet.	Temperature (degrees Fahrenheit).						Precipitation (inches).						Sky.					
			Length of record, years.			Highest.	Date.	Lowest.	Length of record, years.			Total for the year.			Greatest monthly.	Least monthly.	Month.	Total snowfall.	Number rainy days.	
			Annual mean.						Date.	Date.	Date.	Month.	Month.	Month.					Number clear days.	
Beaver.....	Beaver.....	6,000	10	48.6	101	Aug. 5	-9	Dec. 15	10	8.92	3.37	Apr.	0.00	† Aug.	32	121 ^a	139 ^b	161 ^c		
Black Rock.....	Millard.....	4,872	10	48.4	101	Aug. 5	-9	Jan. 12	12	8.94	3.37	Apr.	0.00	† Aug.	55	180 ^d	52 ^e	20 ^f SW.		
Bluff.....	San Juan.....	4,200	2	50.9	94	Aug. 15	-2	Dec. 21	2	19.16	4.55	Jan.	0.17	Nov.	75					
Brimham City.....	Boxelder.....	4,305	2	50.9	94	Aug. 15	-2	Jan. 10	3	10.75	2.76	Apr.	0.00	† Aug.	46					
Burnville.....	Seyler.....	6,800	3	42.2	89	July 6	-15	do 15	15	10.63	3.46	July	0.21	Mar.	83	203	83	79 R.		
Castle Dale.....	Emery.....	5,500	15	-23	do 15	15	9	10.63	3.46	July	0.21	Mar.	83	203	83	79 SW.	
Cedar City.....	Iron.....	5,750	9	.....	.....	.....	-2	Dec. 15	9	10.63	3.46	July	0.21	Mar.	83	203	83	79 R.
Center.....	Tooele.....	4,250	3	48.4	98	Aug. 14	.....	.....	3	13.14	3.57	June	0.00	Nov.	35	200 ^d	69 ^e	95 ^f
Corinne.....	Boxelder.....	4,240	44	48.4	97	do 15	-8	Jan. 12	44	13.14	3.57	June	0.00	Nov.	45	216	53	96 R.		
Deseret.....	Millard.....	4,541	19	49.9	100	do 13	-9	Feb. 6	19	10.76	3.60	Apr.	T.	Mar.	94	254	40	64 R.		
Dragon (near).....	Uinta.....	6,210	4	47.1	97	do 13	-11	Jan. 12	4	13.25	2.63	June	0.00	Nov.	74	211 ^d	100 ^e	36 ^f W.		
Duchesne.....	Duchesne.....	5,500	7	42.9	93	July 12	-21	do 12	7	9.82	1.73	Apr.	0.01	Nov.	51	211 ^d	100 ^e	36 ^f W.		
East Portal.....	Wasatch.....	7,650	2	.....	83	Aug. 14	.....	.....	2	12.03	3.54	Jan.	0.01	Nov.	91	185	79	99 SW.
Elberta.....	Utah.....	4,650	12	50.4	98	July 7	-7	Feb. 6	12	13.22	2.71	Apr.	0.03	July	10.0	28	70	54 N.		
Emery.....	Emery.....	6,200	13	44.0	86	June 27	-8	Jan. 9	13	8.94	2.11	July	T.	† Feb.	12.0	241	70	54 N.		
Farmington.....	Davis.....	4,268	13	51.0	96	July 8	4	Dec. 21	13	21.35	4.80	Apr.	0.03	Aug.	38.6	68	74			
Fillmore.....	Millard.....	5,100	22	53.0	101	Aug. 4	1	Feb. 6	22	12.03	3.54	do 0.09	Dec.	0.00	Nov.	113	155	93	117 SW.	
FL Duchesne.....	Uinta.....	4,941	26	45.4	94	do 7	-20	do 7	26	5.28	1.17	Jan.	0.01	Nov.	66	194	145	25		
Fruitland.....	Duchesne.....	6,725	4	.....	96	do 4	-23	Jan. 11	4	.....	.....	.....	.....	.....	.....	.....	.....	.....
Garrison.....	Boxelder.....	4,248	2	.....	99	do 14	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Government Creek.....	Millard.....	4,850	10	.....	95	do 14	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Grayson.....	Tooele.....	5,277	13	49.2	96	do 13	-10	Feb. 6	13	13.42	2.50	June	0.14	Nov.	32.2	81	212 ^d	94 ^e	58 ^f S.	
Green River.....	San Juan.....	6,000	7	49.7	96	do 14	3	Jan. 29	7	18.37	4.09	Jan.	0.04	Apr.	3.5	64	197	70	58 SW.	
Hanksville.....	Emery.....	4,080	14	52.8	104	do 15	-17	do 14	14	6.94	2.94	June	0.00	Nov.	55	170	172	22 SW.		
Heber.....	Wasatch.....	5,593	21	44.3	90	July 7	-14	Jan. 29	21	16.95	4.90	Jan.	0.15	May	91	185	79	99		
Henefer.....	Summit.....	5,301	14	44.9	93	Aug. 14	-15	Feb. 6	14	18.68	3.77	do 0.40	Nov.	do 0.00	Nov.	113	155	93	117 SW.	
Ibapah.....	Tooele.....	7,500	9	46.2	97	do 14	-17	Dec. 21	9	9.14	2.05	Apr.	0.00	do 0.00	Nov.	66	194	145	25	
Iosepa.....	Kane.....	4,925	6	51.7	101	Aug. 12	0	do 15	6	15.12	4.65	Jan.	0.05	Nov.	53	98	216	51		
Kanab.....	Boxelder.....	4,230	34	46.7	95	do 6	-11	Jan. 12	34	.....	.....	.....	.....	.....	.....	.....	.....	.....
Leeds (Echo Farm).....	San Juan.....	7,000	11	.....	88	do 6	-4	do 29	11	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lehi.....	Washington.....	3,400	2	.....	105	do 16	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lemay.....	Utah.....	4,550	1	49.7	96	July 8	-2	Feb. 6	1	14.47	3.85	Jan.	0.04	Nov.	60	168	137	60 SW.		
Levan.....	Boxelder.....	4,221	3	53.4	110	do 27	0	do 9	3	5.26	1.22	June	T.	do 0.00	Sept.	30.6	86	183.3		
Logan.....	Juab.....	5,010	24	96	Aug. 14	-6	do 6	24	16.30	4.23	Apr.	0.02	do 0.00	Nov.	47	132 ^d	151 ^e	79 ^f	
Low.....	Tooele.....	4,507	23	47.7	93	July 12	-11	Jan. 12	23	19.59	3.80	Jan.	0.00	Nov.	79	185	79	99 SW.		
Lower Mill Creek.....	Salt Lake.....	4,002	3	54.3	104	Aug. 8	-8	do 11	3	6.60	2.43	June	0.00	† Feb.	18	82	151	91	123 S.	
Lucin.....	Boxelder.....	4,504	7	48.3	100	Aug. 15	-7	Jan. 10	7	5.16	1.92	do T.	do T.	Aug.	50.3	38	122	77 SW.		
Manila.....	Uinta.....	6,225	4	41.8	90	July 30	-30	do 12	4	9.53	2.95	Apr.	0.03	Nov.	47	132 ^d	151 ^e	79 ^f		
Manti.....	Sampete.....	5,575	19	46.6	93	Aug. 16	-7	Dec. 15	19	15.26	3.67	do 0.15	do 0.15	do 0.00	Sept.	52	94	122	100	133 SW.
Marysville.....	Plute.....	6,180	13	.....	80	Aug. 16	-7	do 15	13	10.92	1.99	June	T.	Nov.	44	214 ^d	86 ^e	74 ^f	
Meadowville.....	Rich.....	6,200	13	43.2	92	July 8	-8	Feb. 6	13	10.92	1.99	June	T.	Nov.	44	214 ^d	86 ^e	74 ^f		
Middlekauf.....	Boxelder.....	4,235	3	51.6	99	do 19	-16	do 5	2	15.96	2.63	Apr.	0.11	Nov.	22.9	78	137	156	72 S.	
Midwaye.....	Salt Lake.....	4,365	2	51.6	101	Aug. 14	-7	do 5	2	15.96	2.63	Apr.	0.11	Nov.	5.5	75	143 ^d	153 ^e	67 ^f	
Millford.....	Beaver.....	4,962	6	.....	99	do 5	.....	.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....
Moab.....	Grand.....	4,000	24	55.2	109	July 12	0	Jan. 12	24	10.90	2.00	July	0.02	Nov.	5.5	65	166	122	77 SW.	
Modena.....	Iron.....	5,479	13	48.4	93	June 28	-6	Dec. 15	13	10.55	2.17	Apr.	0.00	do 0.00	Nov.	43	111	93	117 SW.	
Monticello.....	San Juan.....	7,050	6	.....	80	Aug. 16	.....	.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....
Morgan.....	Morgan.....	5,668	9	47.5	96	do 5	-9	Jan. 11	9	14.11	4.25	Jan.	0.00	Sept.	52	94	122	100	133 SW.	
Moroni.....	Sampete.....	6,040	6	48.6	91	do 5	-1	do 29	6	20.72	4.38	do 0.21	Aug.	do 0.00	Sept.	52	94	122	100	133 SW.
Mosida.....	Utah.....	4,510	2	49.5	97	June 25	-4	Dec. 23	2	15.96	2.63	Apr.	0.11	Nov.	22.9	78	137	156	72 S.	
Mountain Home.....	Duchesne.....	6,000	1	.....	88	do 22	.....	.....	7	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nephil (near).....	Juab.....	5,119	9	.....	96	Aug. 6	.....	.....	9	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oak City.....	Millard.....	4,900	7	.....	97	do 15	.....	.....	7	.....	.....	.....	.....	.....	.....	.....	.....	.....
Panguitch.....	Weber.....	4,310	43	43.0	90	July 8	-12	do 15	2	11.43	3.48	July	T.	† Apr.	17.0	60	233	90	42 NW.	
Park City.....	Garielnd.....	6,560	2	43.0	90	July 8	-12	do 15	2	11.43	3.48	July	T.	† Apr.	17.0	60	233	90	42 NW.	
Parowan.....	Summit.....	7,000	9	.....	93	Aug. 14	-1	do 15	23	17.01	5.19	July	0.15	Nov.	71	180 ^d	70 ^e	113 ^f	
Pine View.....	Summit.....	6,335	2	59.4	108	Aug. 4	-8	Feb. 6	2	11.43	3.48	July	0.13	Mar.	51	167 ^d	93 ^e	93 ^f S.		
Price.....	Washington.....	5,907	16	.....	94	Aug. 15	-11	Dec. 15	16	10.50	2.28	July	0.13	Mar.	64	183 ^d	117 ^e	47 ^f SW.	
Provo.....	Carbon.....	5,557	3	.....	94	Aug. 13	-8	Feb. 6	20	16.41	4.09	Jan.	T.	Nov.	44	146	93	124 SW.	
Riverton.....	Utah.....	4,532	20	49.1	94	Aug. 13	-8	do 21	10	16.10	3.28	June	0.16	Aug.	59	263	51	51 SW.		
Ranch.....	Kane.....	6,700	12	87	do 15	do 21	10	16.69	3.68	Jan.	0.17	Sept.	82	90	170	122	73 SW.	
Richtfield.....	Seyler.....	5,350	20	96	do 13	do 6	1	20.38	4.05	June	0.08	do 0.00	Sept.	93	144	117	104	
Riverville.....	Weber.....	4,310	1	96	July 16	do 15	19	20.46	4.68	Jan.	0.09	Nov.	26.4	94	144	117	104	
St. George.....	Washington.....	2,880	21	59.4	108	Aug. 4	-8	Dec. 15	21	7.75	2.35	Jan.	0.00	† Max.	183 ^d	117 ^e	47 ^f SW.			
Sahara.....	Iron.....	5,209	2	49.6	99	do 4	-8	Dec. 15	2	9.70	2.97	Apr.	0.01	Mar.	42	146	93	124 SW.		
Saltair.....	Salt Lake.....	4,220	10	53.0	94	July 14	-9	Feb. 6	4	16.49	3.28	June	0.16	Aug.	59	263	51	51 SW.		
SALT LAKE CITY.....	Salt Lake.....	4,360	40	53.1	97	Aug. 13	-11	Feb. 6	4	16.69	3.68	Jan.	0.17	Sept.	82	90	170	122	73 SW.	
Santaquin.....	Utah.....	5,250	1	51.6	100	June 14	-3	do 6	1	17.55	3.48	do 0.00	Dec.	9.7	83	231	81	53 SW.		
Scipio.....	Millard.....	5,260	19	49.1	96	Aug. 14	-13	do 15	19	18.72	3.64	Apr.	0.04	do 0.00	Sept.	94	229 ^d	4 ^e	125 ^f S.	
Scofield.....	Carbon.....	7,625	5	37.0	86	do 16	-8	Jan. 29	1	20.87	6.60	Jan.	0.32	do 0.00	Feb.	91.6	100	161	88	
Snake Creek.....	Wasatch.....	5,950	1	44.8	88	do 16	-8	do 12	1	13.69	7.60	Jan.	0.26	Sept.	83	156	154	55		
Snowville.....	Boxelder.....	5,950	5	52.9	95	Aug. 14	-3	do 6	5	18.15	4.27	Jan.	0.26	Sept.						

† Also on subsequent dates. * Incomplete

CLIMATOLOGICAL REPORT: UTAH SECTION.

YEAR, 1914.

Monthly and Annual Precipitation for the Year 1914, with Departures from the Normal.

Stations.	Precipitation.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Annual.								
	Precipitation.	Departure.																				
Beaver.....	1.26	0.39	0.02	3.37	+2.44	0.46	-0.46	0.14	3.71	-0.82	0.00	-0.74	0.22	-0.95	-0.63	0.00	-0.62	0.28	-0.23	+8.92	-0.85	
Black Rock.....	0.89	+0.21	0.45	-0.56	0.23	-1.01	0.10	1.58	3.23	-0.88	1.42	-0.82	0.00	-0.74	0.00	0.00	0.00	0.13	-0.28	-0.23		
Bluff.....	2.06	0.70	0.17	0.10	2.28	-1.58	3.23	2.15	1.58	-0.88	1.07	-0.88	1.57	-0.88	0.00	0.00	0.00	0.17	0.76	19.16		
Bingham City.....	4.55	1.09	1.12	2.28	1.58	-0.04	1.36	1.73	1.73	-0.00	0.46	-0.46	1.59	-0.46	0.00	0.00	0.00	0.24	10.75	10.75		
Burville.....	2.50	0.20	0.33	2.76	0.48	1.36	1.36	1.73	1.73	-0.00	0.40	-0.74	1.30	-0.67	1.05	+0.25	0.00	-0.75	0.67	-0.61		
Castle Dale.....	2.40	+1.08	0.10	-0.69	0.30	-0.14	0.75	+0.41	0.35	-0.04	2.55	+1.92	0.40	-0.74	1.30	-0.67	1.05	+0.25	0.00	-0.75	0.67	
Cedar City.....	0.92	0.21	1.70	-1.50	0.33	1.78	3.46	3.46	3.46	-0.00	0.40	-0.54	0.51	-0.54	0.00	0.00	0.00	0.25	0.30	0.30		
Center.....	1.81	0.55	0.39	1.51	0.41	1.24	2.24	2.24	2.24	-0.00	0.40	-0.54	0.51	-0.54	0.00	0.00	0.00	0.16	0.05	0.25		
Corinne.....	1.15	-0.26	0.73	-0.50	0.65	-0.72	1.37	+0.26	0.95	-0.49	3.57	+2.99	2.12	+1.66	0.20	-0.40	0.57	+0.09	1.03	-0.07	0.00	
Deseret.....	2.68	+2.17	0.59	-0.21	T.	-0.99	3.60	0.10	-0.96	1.33	+0.99	1.43	+1.18	0.10	-0.42	0.20	-0.67	0.49	-0.16	0.02	-0.45	0.22
Dragon (near).....	1.20	0.93	1.77	1.43	0.98	2.63	1.62	1.62	1.62	-0.00	0.37	-0.77	0.77	-0.77	0.00	0.00	0.00	0.04	13.25	13.25		
Duchesne.....	1.10	0.27	0.71	1.73	0.43	1.29	1.38	1.38	1.38	-0.00	1.12	-0.41	1.04	-0.41	0.00	0.00	0.00	0.33	0.42	0.42		
East Portal.....	5.45	1.60	0.83	1.85	1.08	0.67	2.86	2.86	2.86	-0.00	0.58	-0.41	2.74	-0.23	0.00	0.00	0.00	0.23	0.23	0.23		
Elberta.....	2.40	+1.41	0.30	-0.68	0.58	-0.98	2.71	+1.93	1.04	+0.01	1.92	+1.57	1.60	+1.13	0.14	-0.53	1.11	-0.80	1.66	+0.74	0.03	
Emery.....	0.80	+0.39	T.	-0.73	1.	-0.37	0.88	+0.60	0.85	-0.40	1.50	+1.05	2.11	0.80	-0.68	1.65	+0.53	0.35	-0.25	T.	-0.38	
Farmington.....	3.12	+0.70	1.75	-0.67	1.06	-1.38	4.80	+2.82	0.23	-2.57	3.51	+2.68	2.33	+1.78	0.03	-0.83	0.27	-0.85	2.57	+1.03	0.46	
Filmore.....	1.87	+0.71	0.92	-0.57	0.36	-1.55	3.54	+1.81	0.25	-1.31	2.98	1.24	+0.50	0.16	-0.70	0.42	-0.80	1.43	+0.31	0.46	-0.50	
Ft. Duchesne.....	1.17	+0.70	0.06	-0.42	0.09	-0.58	0.98	+0.46	0.23	-0.47	0.70	+0.44	0.50	+0.02	0.24	-0.46	0.35	-0.73	0.83	+0.25	0.01	
Fruitland.....	3.57	0.10	0.30	0.25	0.10	1.45	2.31	2.31	2.31	-0.00	1.53	-0.27	0.23	-0.27	0.00	0.00	0.00	0.23	0.23	0.23		
Garrison.....	1.95	0.00	1.94	1.30	3.32	2.41	0.00	1.29	0.00	0.00	1.25	-0.22	1.14	0.00	-1.14	0.00	-1.14	0.00	0.00	1.31		
Government Creek.....	2.16	+1.06	1.08	-0.28	0.91	-1.38	2.29	+1.23	0.17	-1.44	2.50	+1.91	0.99	+0.36	0.65	-0.41	0.36	-0.59	1.51	+0.60	-0.94	
Grayson.....	4.09	2.15	0.40	0.04	0.55	1.88	3.65	3.65	3.65	-0.00	0.39	0.16	2.99	0.06	-0.51	1.51	-0.00	1.35	1.35	0.00		
Green River.....	1.01	+0.82	0.32	-0.23	0.07	-0.36	0.38	-0.15	0.37	-0.14	2.91	+2.80	1.16	+0.87	0.11	-0.61	0.16	-0.71	0.28	-0.11	0.94	
Hanksville.....	0.30	0.05	0.42	0.46	1.85	2.41	0.00	0.39	0.00	0.00	0.74	-0.12	0.51	-0.16	0.00	0.00	0.00	0.16	0.16	0.16		
Heber.....	4.90	+2.44	1.42	-0.59	1.55	-1.17	1.85	+0.57	0.15	-1.42	1.81	+1.25	1.34	+0.57	0.50	-0.59	0.58	0.51	2.43	-1.69	-0.22	
Henefer.....	3.77	+1.26	1.43	-0.87	1.17	-1.33	2.90	+1.30	0.82	-1.03	1.76	+0.56	2.18	-1.37	0.59	-0.62	0.64	-0.56	2.32	+1.98	0.40	
Ibapah.....	1.61	0.27	0.83	2.05	0.35	1.54	1.28	1.28	1.28	-0.00	0.38	0.20	0.52	0.00	0.00	0.00	0.08	0.14	0.14	0.14		
Josepa.....	2.93	0.18	0.87	1.21	0.15	1.06	1.96	1.96	1.96	-0.00	0.52	0.35	2.13	0.00	0.00	0.00	0.85	0.00	0.00	0.00		
Kanab.....	4.65	1.25	0.46	1.06	0.80	1.96	1.96	1.96	1.96	-0.00	0.52	0.35	0.68	0.87	0.00	0.05	1.14	1.14	1.14	1.14		
Kelton.....	0.55	-0.16	0.60	-0.06	0.32	-0.18	0.60	-0.08	0.35	-0.49	2.25	+1.88	0.88	0.50	-0.14	0.35	-0.13	T.	-0.48	0.00	-0.37	
La Sal.....	2.47	+1.64	0.42	-0.67	0.27	-0.71	0.46	-0.31	1.32	+0.58	1.57	+0.95	1.90	+0.67	1.08	-0.15	0.00	0.00	0.50	-0.22	0.00	
Leeds (Echo Farm).....	6.25	2.31	T.	2.04	2.21	0.00	0.00	0.00	0.00	0.00	1.02	0.84	0.40	0.05	0.25	0.52	0.04	0.30	0.30	14.47		
Lehi.....	3.85	0.75	1.40	1.79	0.07	2.08	1.22	1.22	1.22	-0.00	0.00	0.00	0.11	0.31	T.	0.45	0.25	0.25	0.25	0.25		
Lemay.....	0.75	0.55	1.00	0.50	0.20	1.22	1.22	1.22	1.22	-0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Levan.....	3.32	+1.87	0.84	-0.70	1.09	-1.01	4.23	+2.88	0.55	-1.36	1.84	+1.32	1.90	+1.30	0.22	-0.67	0.02	-1.25	1.81	+0.56	0.08	
Logan.....	3.80	+2.07	1.40	-0.01	1.73	-0.27	2.32	+0.70	0.86	-1.48	3.15	+2.38	1.98	+1.47	0.08	-0.63	1.51	+0.39	2.21	+0.84	0.00	
Low.....	1.07	0.00	0.40	0.00	1.60	0.00	2.43	0.00	0.00	0.00	0.00	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Lower Mill Creek.....	3.99	1.29	1.18	3.07	2.11	4.20	2.16	2.16	2.16	-0.00	T.	0.31	3.85	0.59	-0.13	1.03	-0.00	23.83	23.83	23.83	23.83	
Luck.....	0.64	0.50	0.47	0.26	0.33	1.92	0.91	0.91	0.91	-0.00	T.	0.04	0.05	T.	0.04	0.00	0.00	0.00	0.00	0.00	0.00	
Manti.....	0.45	0.66	0.25	2.95	0.79	0.90	1.50	0.27	0.15	-0.02	2.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Marysvale.....	1.83	+0.69	0.42	-0.41	0.89	-0.67	3.67	+2.62	0.78	-0.41	1.40	+1.01	3.51	+2.81	0.53	-0.12	0.35	-0.95	1.32	+0.32	0.15	
Meadowville.....	1.50	+0.70	0.28	-0.69	0.11	-1.20	1.63	+0.83	0.78	-0.14	1.25	1.99	+1.14	1.02	+0.47	0.20	-0.80	1.30	+0.08	1.31	-0.50	
Midlake.....	0.09	0.60	0.20	0.20	0.55	1.60	0.05	0.00	0.00	0.00	T.	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Midvale.....	2.53	1.07	1.05	2.63	1.17	2.26	1.99	1.99	1.99	-0.00	0.21	0.21	2.36	0.00	0.11	0.34	0.00	0.00	0.00	0.00		
Miford.....	0.80	0.70	T.	1.90	0.00	0.68	1.77	0.16	0.68	-0.00	0.87	0.87	0.87	0.87	0.87	0.00	0.00	0.00	0.00	0.00	0.00	
Moab.....	1.32	+0.66	0.57	-0.10	0.44	-0.55	1.07	+0.56	1.23	+0.50	1.20	+0.91	2.00	+1.37	0.77	+0.07	0.31	-0.77	1.66	+0.82	-0.35	
Modena.....	1.42	+0.69	0.98	-0.22	0.15	-1.55	2.17	+1.38	0.85	-0.02	1.50	+1.10	1.50	+0.24	0.73	-1.10	0.45	-0.63	0.30	-0.52	0.00	
Monticello.....	0.00	0.41	0.24	1.49	2.21	3.10	2.58	2.58	2.58	-0.00	0.25	0.00	1.15	0.32	0.49	0.00	0.00	0.00	0.00	0.00		
Morgan.....	4.25	1.10	0.69	1.67	0.70	1.38	1.21	1.21	1.21	-0.00	0.25	0.00	1.15	0.32	0.49	0.00	0.00	0.00	0.00	0.00		
Moroni.....	4.38	1.09	1.08	3.79	0.70	2.06	4.04	4.04	4.04	-0.00	0.21	0.62	1.73	0.31	0.71	0.00	0.00	0.00	0.00	0.00		
Mosida.....	1.46	1.00	0.35	2.36	0.88	1.34	1.10	1.10	1.10	-0.00	0.00	0.00	1.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Mountain Home.....	2.80	0.28	0.30	2.20	0.77	1.94	1.74	1.74	1.74	-0.00	0.29	0.02	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Nephil (near).....	2.94	1.00	0.43	3.20	0.71	1.94	1.74	1.74	1.74	-0.00	0.29	0.02	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Oak City.....	0.97	0.80	4.88	0.3																		

Monthly and Annual Mean Temperatures for the Year 1914, with Departures from the Normal.

Stations	January	February	March	April	May	June	July	August	September	October	November	December	Annual	
	Temperature.	Departure.	Temperature.											
Beaver	25.6	15.8	35.0	48.6	57.1	62.0	67.1	60.7	51.0	35.8	22.2	8.6	48.6	
Black Rock	33.2	31.0	42.0	48.6	57.1	62.0	69.6	70.6	60.7	35.8	22.2	8.6	48.6	
Bluff	30.6	35.4	46.4	55.8	60.4	63.4	71.4	68.6	66.2	39.8	26.8	10.9	48.6	
Brigham City	31.6	32.2	43.1	50.4	60.8	63.4	73.6	72.6	61.3	54.0	42.3	25.9	48.6	
Burryville	23.9	22.8	35.1	42.3	50.3	55.5	62.4	60.8	55.1	44.3	34.5	20.3	42.2	
Castle Dale	8.6	-12.0	15.6	-11.5	36.6	-2.0	48.2	+2.2	58.9	+5.0	46.1	-2.1	8.6	
Cedar City	34.0	35.5	44.6	49.7	59.0	65.4	72.3	60.4	44.6	31.4	21.4	16.8	42.2	
Center	29.0	26.8	39.4	47.0	57.1	59.8	70.0	69.4	59.2	52.4	45.8	25.8	42.9	
Corinne	25.7	0.8	30.4	41.4	49.1	1.6	61.0	+1.1	63.6	-6.8	48.6	-1.4	34.6	
Deseret	32.6	+4.6	28.5	-2.7	43.6	+2.7	50.3	+2.5	60.0	+4.2	64.8	-0.5	54.4	
Dragon	21.4	23.5	36.0	47.4	57.0	63.8	73.9	+2.6	63.1	+2.9	58.2	+1.0	49.9	
Duchesne	15.0	19.0	37.6	48.3	55.4	59.7	67.6	61.9	51.4	40.6	22.4	47.1	42.9	
East Portal	15.3	14.3	24.0	34.9	46.4	49.8	57.6	58.6	46.6	33.1	15.6	6.1	42.9	
Elberta	32.6	+3.9	29.6	-2.6	43.5	+2.0	51.3	+1.7	60.6	+4.0	64.6	-3.0	52.1	
Emery	22.9	-3.3	25.4	-5.1	34.4	-3.8	48.6	-4.1	55.0	+3.1	50.5	-6.5	38.5	
Farmington	32.8	+2.7	34.6	+1.6	43.6	+2.6	51.2	+3.0	61.4	+5.7	64.2	-0.5	58.1	
Fillmore	36.5	+5.3	35.2	+1.2	46.3	+4.5	52.5	+2.4	60.0	+4.5	66.4	-1.4	60.5	
Ft. Duchesne	20.0	7.4	16.8	-2.4	39.0	+4.3	48.2	+0.7	57.0	+1.0	62.6	-2.4	60.5	
Fruitland	18.6	19.4	32.4	43.7	51.0	57.6	67.6	79.9	84.9	81.1	85.6	16.6	42.9	
Garrison	.....	.....	.....	.....	51.9	59.8	65.6	73.6	71.9	61.0	50.6	23.1	42.9
Government Creek	31.2	+2.6	29.0	+1.7	41.5	+2.9	48.0	+1.8	57.6	+4.6	62.0	-1.3	62.3	
Grayson	29.2	31.0	42.8	50.8	58.4	64.6	68.4	63.4	50.4	43.0	25.0	49.7	42.9	
Green River	24.4	-0.6	34.6	-0.3	46.1	-1.1	66.0	+2.2	65.2	+2.1	70.4	-3.2	63.2	
Hanksville	34.0	34.0	44.8	55.4	62.8	68.8	73.6	73.4	50.0	36.3	23.6	42.9	42.9	
Heber	25.8	+4.6	24.4	37.4	37.4	46.6	50.0	46.4	37.4	54.4	0.3	48.6	42.9	
Hemeler	26.2	+2.5	27.7	0.5	37.5	+1.6	46.8	+3.2	51.8	+4.0	63.9	-0.0	55.7	
Hopah	27.6	31.0	39.3	46.7	55.0	58.8	68.2	67.4	57.2	48.6	34.5	41.8	42.9	
Iosepa	29.8	30.2	38.3	46.6	56.8	62.8	69.4	62.0	52.0	36.2	18.0	42.9	42.9	
Kanab	35.3	36.3	48.4	52.7	61.5	61.0	64.8	69.4	62.4	52.6	46.4	29.4	51.7	
Kenton	23.6	-0.3	27.5	-1.9	40.2	-0.8	41.3	-8.8	59.4	-0.4	63.4	-5.9	50.0	
La Sal	27.6	26.3	37.3	45.8	54.1	60.2	63.8	66.5	61.2	50.0	44.2	28.4	42.9	
Leeds (Echo Farm)	40.3	42.0	53.1	57.5	66.9	73.1	78.4	79.2	71.2	60.6	51.6	42.9	42.9	
Lodi	31.4	30.6	42.0	50.4	60.0	64.0	69.9	61.3	52.4	37.4	25.6	49.7	42.9	
Lemay	28.0	32.6	45.3	52.0	66.0	71.6	81.0	62.6	59.8	39.4	24.2	42.9	42.9	
Levan	30.0	+5.0	28.9	+0.3	41.8	+4.5	48.0	+1.6	57.0	+2.7	61.6	-2.3	61.2	
Logan	25.5	+0.8	24.4	-2.1	36.5	+0.6	47.2	-0.2	59.1	+1.8	62.8	+1.3	61.2	
Low	29.9	33.4	48.8	55.3	63.4	68.1	78.8	78.8	67.9	56.4	46.6	24.1	54.3	
Lower Mill Creek	36.1	35.6	46.5	52.4	61.6	65.6	73.6	65.0	55.5	44.2	32.8	23.5	42.9	
Lucin	24.8	29.6	41.8	49.8	54.7	61.5	72.3	73.9	59.0	56.5	34.2	18.2	42.9	
Maudie	13.6	19.4	33.8	42.8	50.7	57.8	63.8	60.0	56.0	46.0	40.8	14.2	41.8	
Manti	28.2	+2.1	28.4	+0.1	40.3	+2.5	46.4	+0.1	55.5	+0.4	60.2	-3.0	58.1	
McAfee	32.6	+3.8	32.0	+1.2	39.6	+1.3	46.6	+1.9	55.5	+4.5	60.2	-0.2	51.0	
Meadowlake	25.8	+3.1	23.0	+1.2	30.2	+0.7	43.2	+2.5	53.8	+5.1	58.2	+1.7	53.6	
Miajake	31.4	33.7	44.1	53.2	61.4	68.1	78.8	78.8	64.8	55.9	41.5	30.2	42.9	
Midvale	33.7	33.8	43.6	51.4	61.8	65.2	74.0	73.9	62.6	51.0	39.1	26.6	51.6	
Mifflord	34.8	34.2	44.7	51.4	60.0	65.0	71.8	72.2	62.4	49.4	38.4	28.4	42.9	
Modon	29.6	-0.3	36.9	+0.5	47.6	+0.6	57.6	+2.3	66.7	+2.8	73.1	+1.3	69.4	
Modena	32.2	+4.7	32.6	+1.0	41.8	+2.6	46.8	-0.1	56.6	+2.1	61.6	-0.7	60.6	
Monticello	32.2	38.2	41.1	48.8	57.7	64.0	70.4	64.6	56.6	46.8	42.6	22.6	42.9	
Morgan	28.6	26.6	38.1	48.4	58.3	61.8	65.6	69.0	60.6	51.2	40.8	21.4	47.5	
Moroni	30.6	29.2	41.2	46.8	56.9	60.6	67.2	68.9	63.0	53.0	42.1	23.5	48.6	
Mosella	32.7	30.4	42.2	50.2	59.3	64.0	71.5	71.4	60.0	51.6	37.2	23.6	49.5	
Mountain Home	15.1	25.2	38.4	49.2	59.6	67.6	71.6	72.2	61.9	51.6	31.6	19.2	42.9	
Nephi	.....	.....	17.6	57.2	61.9	69.8	71.8	62.0	50.7	38.8	29.2	4.1	42.9
Oak City	31.5	46.4	51.6	62.7	65.8	73.2	76.0	64.8	55.9	41.5	30.2	42.9	42.9	
Odgen	32.0	+2.8	30.8	-2.3	43.4	52.4	58.2	64.2	71.0	-2.4	62.0	-2.6	55.2	
Panguitch	24.0	23.8	36.6	43.4	52.4	58.2	64.2	63.4	54.8	43.7	32.8	18.4	43.0	
Parowan	26.7	+2.5	23.0	29.9	33.2	+2.1	43.0	+3.2	51.1	+3.6	55.8	+0.4	49.9	
Pine View	26.2	22.4	32.6	43.8	49.0	54.0	62.4	63.0	52.3	44.4	41.3	25.2	42.9	
Pinto	32.7	+5.0	30.3	+0.1	39.8	+2.3	44.4	+3.5	51.6	+2.2	57.4	+0.2	53.6	
Price	19.8	22.4	32.6	43.8	49.0	54.0	62.4	63.0	52.3	44.4	41.3	18.0	42.9	
Provo	33.0	+3.8	31.0	-0.6	43.0	+2.2	49.0	-0.5	57.6	+0.4	62.2	-3.2	55.2	
Ranch	24.9	-0.9	33.0	49.2	51.9	55.6	60.6	61.3	55.6	46.6	40.5	4.4	42.9	
Richfield	33.3	47.6	51.2	67.8	68.0	75.6	72.8	61.6	52.8	41.0	24.8	34.4	42.9	
Riverdale	33.3	42.6	53.0	58.7	61.1	68.0	74.8	75.6	71.1	60.0	37.8	23.2	42.9	
St. George	40.4	+2.6	42.2	+0.3	53.0	+3.4	58.7	+1.1	64.0	+6.4	70.0	+5.7	54.4	
Sabara	33.7	33.0	42.6	48.6	58.0	64.6	71.0	72.2	60.8	50.8	37.8	23.2	42.9	
Sairair	33.7	34.2	44.6	52.7	62.8	67.4	76.0	78.2	64.4	54.2	41.3	27.0	42.9	
SALT LAKE CITY	35.2	+6.4	34.5	+1.6	45.1	+3.7	51.8	+1.7	62.3	+4.0	64.4	-0.7	55.8	
Santaquin	35.4	32.0	41.8	50.4	59.8	65.6	73.4	74.8	63.0	52.6	41.3	25.4	42.9	
Scipio	33.6	+5.8	32.6	+1.2	48.2	+1.8	58.3	+4.1	61.6	-1.6	68.7	+0.2	60.6	
Seecoid	20.6	+16.6	27.8	37.7	46.2	56.2	57.5	57.1	52.8	39.4	31.8	12.6	37.0	
Snake Creek	28.0	24.4	36.6	45.9	54.7	57.6	65.3	64.8	56.2	47.8	35.0	20.0	44.8	
Showville	23.4	-0.6	25.9	-1.8	38.5	+2.4	52.0	65.7	60.7	51.4	41.1	3.3	30.6	
Spanish Fork	33.5	31.6	45.4	53.0	61.2	64.6	72.6	74.2	65.2	62.2	43.6	28.1	32.9	
Springdale	43.3	43.0	44.6	54.4	59.8	62.4	72.6	80.4	76.2	75.7	76.0	21.4	42.9	
Standrod	30.2	29.1	39.2	44.6	56.1	57.0	67.7	68.2	64.4	56.4	48.8	21.2	46.5	
Teadale	.....	.....	.....	.....	60.2	-6.5	62.9	-2.4	57.2	-0.2	46.8	+0.2	37.9
Thistle	Thompson	34.0	+4.0	32.4	-0.3	43.2	+3.5	49.6	+1.2	59.2	+1.0	51.2	+2.1	41.1
Tooele	34.0	+4.0	32.4	-0.3	43.2	+3.5	49.6	+1.2	59.2	+1.0	61.5	-1.5	52.2	
Tremonton	27.5	32.6	46.4	53.2	63.2	66.1	74.3	76.6	64.4	58.4	38.4	24.3	32.1	
Tropic	28.4	+0.4	29.3	-1.1	39.4	+1.1	44.6	-0.1	53.5	+1.3	60.4	-0.6	44.3	
University of Utah	31.2	31.2	45.5	50.2	58.4	64.6	76.6	75.7	64.4	53.4	40.6	27.6	42.9	
Vernal	.....	.....	.....	.....	60.2	-6.5	62.9	-2.4					

Monthly Maximum Temperatures for the Year 1914, with Dates.

Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
	Maximum.	Date.	Maximum.	Date.	Maximum.	Date.	Maximum.	Date.	Maximum.	Date.	Maximum.	Date.
Beaver.....	57	7	53 ¹	28	63	14	78	29	95	14	89	14
Black Rock.....	66	14	63	28	69	15	81	15	88 ²	14	101	53
Bluff.....	51	18	56	28	69	15	72	20	88	19	92	97
Brigham City.....	56	18	64	21	63	18	72	15	77	29	83	27
Burrville.....	48	6 ^t	53	27	78 ⁴	29	72	15	83	27	89	6
Castle Dale.....	44	18	39	13 ^t	60	18	73	21	85	13 ^t	89 ⁴	21
Cedar City.....	60 ¹	31	58 ^b	11	68 ^d	23	75	14 ^t	85 ^c	29	92 ⁴	28
Center.....	46	6 ^t	58	28	63	14	74	20	86	30	93	29
Corinne.....	48	26	59	22	65	17	72	22	87	30	90	18
Deseret.....	54	14 ^t	62	28	70	9 ^t	78	4 ^t	88	30	95	17
Dragon.....	46	17	47	21	58	15 ^t	74	15	81	30 ^t	95	24
Duchesne.....	43	1	42	21 ^t	65	17	73	20	84	30	89	18 ^t
East Portal.....	41	7	41	21	55	18	56	15 ^t	72	23	78	28
Elberta.....	52	17	55	28	66	9	78	5	88	30	91	18 ^t
Emery.....	52	19	48	16 ^t	66	22	79	18 ^t	85	29 ^t	86	27
Farmington.....	52	25	59	28	62	13	71	13 ^t	88	30	94	18 ^t
Fillmore.....	69	7	63	28	72	11	83	20	90	29	98	8 ^t
Fl. Duchesne.....	43	18	46	22 ^t	52	15	79	15	88	30 ^t	93	24 ^t
Fruitland.....	48	17	45	28	52	13	71	13 ^t	88	22 ^t	93	19 ^t
Garrison.....												
Government Creek.....	59	25 ^t	54	28	64	14	71	19 ^t	87	30	91	14
Grayson.....	45	2 ^t	55	28	65	14	74	20	82	29	90	28
Green River.....	47	27	59	21	73	15 ^t	84	15	96	30	101	28
Hanksville.....												
Heber.....	52	7	48	28	60	14 ^t	70	4 ^t	86	20	87	15
Henefer.....	50	17	57	28	63	14	72	19	87	30	89	18 ^t
Ibapah.....	54	7	60	28	68	14	76	19	87	30	93	29
Joseph.....	52	14	54	28	59	14 ^t	72	15 ^t	89	31		
Kanab.....	56	14	63	28	73	15	82	14	91	28	90	18 ^t
Kelton.....	60	20	45	20	60	11 ^t	67	14	89	30	91	28
La Sal.....	46	7	47	16	60	15 ^t	73	15	79	29	87	17
Leeds (Echo Farm).....	63	14	65	16	78	18	86	14	97	29 ^t	103	28
Lehi.....	52	17	55	28	66	14	75	15 ^t	90	30	92	28
Lemay.....	45	17	48	23	60	15 ^t	70	13 ^t	86	31	95	29
Levan.....	49	7 ^t	53	28	63 ^a	9 ^t	73	15	82	30	93	29
Logan.....	48	17	51	21	65	14	71	22	85	30 ^t	89	29
Low.....	55	1	54	26	72	17 ^t	80	27	95	31	102	30
Lower Mill Creek.....	60	26	58	21	76	15	78	20	84	30 ^t	92	18 ^t
Lucin.....	48	24	54	28	67	17	73	19	88	30 ^t	92	28
Manila.....	43	18 ^t	52	28	60	19 ^t	68	19	83	30	92	19 ^t
Manti.....	50	25 ^t	54	28	64	14	72	15	82	29 ^t	88	29
Marysville.....	56	8	63	27	68	16	75	19	84 ²	30	93	16
Meadowville.....	50	17	48	28	49	1 ^t	70	21	82	22 ^t	88	18 ^t
Midlake.....	46	25 ^t	47	21 ^t	57	15	80	31	86	30	90	19 ^t
Midvale.....	59	17	56	28	71	14	78	4	98	31	95	29
Mifflord.....	56	7 ^t	55	11 ^t	72	14	78	15 ^t	87	21	95	28
Moab.....	56	18 ^t	59	20 ^t	72	27	87	15	96	30	104	13 ^t
Modena.....	56	7	58	28	68	16	75	19	84	29	93	18 ^t
Monticello.....												
Morgan.....	59	17	55	28	63 ^a	15	76	4	89	30	91	19 ^t
Moroni.....	52	17	55	28	66	14 ^t	71	15 ^t	83	30	87	29
Mosida.....	55	17	51	28	64	8 ^t	77	22	90	30	97	25
Mountain Home.....	42	3 ^t	70 ^a	18	60	15 ^t	68	16 ^t	82	31		
Nephi.....												
Oak City.....												
Ogden.....	50	26	61	28	77	1	78	4	86	29 ^t	90	14
Panguitch.....	44	14	46	28	61	17	71	15	82	29	93 ²	74
Park City.....	51	7	41	16 ^t	55	11	78	15	81	30	83	28
Parowan.....	55	6	58	28	67	15	74	14 ^t	83	29	88	28
Pine View.....	59	6	45 ^b	16 ^t	56	17	68 ^c	15	76 ^b	23 ^t	83 ^c	18 ^t
Pinto.....	56	7	57 ^t	28	65	13 ^t	75	12	84	29	89	28
Price.....	44	26	.....	.....	.....	74 ^t	17	85	21 ^t	94	93	85
Provo.....	54	17	60	28	68	9 ^t	74	4	88 ^a	30	90	19 ^t
Ranch.....	49	7 ^t	.....	.....	.....	82	15	79	28	84	17	80
Richfield.....												
Riverville.....												
St. George.....	60	4 ^t	69	28	82	15	91	20	101	29	104	28
Sahara.....	58	7	62	28	70	14	78	19	87	21	96	28
Saltair.....	57	26	54	21 ^t	69	18 ^t	70	14 ^t	83 ^c	23	91	14 ^t
SALT LAKE CITY.....	55	17	60	28	63	14	72	19 ^t	86	30	92	18 ^t
Santaquin.....	57	7	59	28	82	13	75	20	90	30	100	1 ^t
Scipio.....	61	8	59	28	68	7 ^t	74	4 ^t	84	29 ^t	91	18 ^t
Scofield.....	53	7	42 ^t	11	62	14 ^t	63	15 ^t	76	30	82	28 ^t
Snake Creek.....	55	16	47	28	56	14	70	15	82	30	86	8 ^t
Snowville.....	44	23	49	28	65	17	70	15	86	29	88	16 ^t
Spanish Fork.....	57	26	58	28	68	9 ^t	76	15 ^t	83	30	89	17 ^t
Springdale.....	71	8	67	8	74	14	87	22	83	30	104	26 ^t
Standrod.....	55	7	54	28	62	14 ^t	68	19	80	30 ^t	84	18 ^t
Teasdale.....												
Thistle.....												
Thompson.....												
Tooele.....	54	14	62	28	68	14	87	22	83	30	89	18 ^t
Tremonton.....												
Tropic.....	47	14	48	26	61	9	71	19	77	81	89 ^c	27 ^t
University of Utah.....	60	19	.....	70	20	75	24	83 ^b	12	90 ^t	18	104
Vernal.....												
Wendover.....	54	19 ^t	60	28	67	9	75	15	92	30	95	19 ^t
Woodruff.....	55	23	44	28	49	29	68 ^e	21	81	30	103	18 ^t
Woodside.....	57	27 ^t	57	22	76	18	84 ^t	17	94	31	100	16

† Also on subsequent dates.

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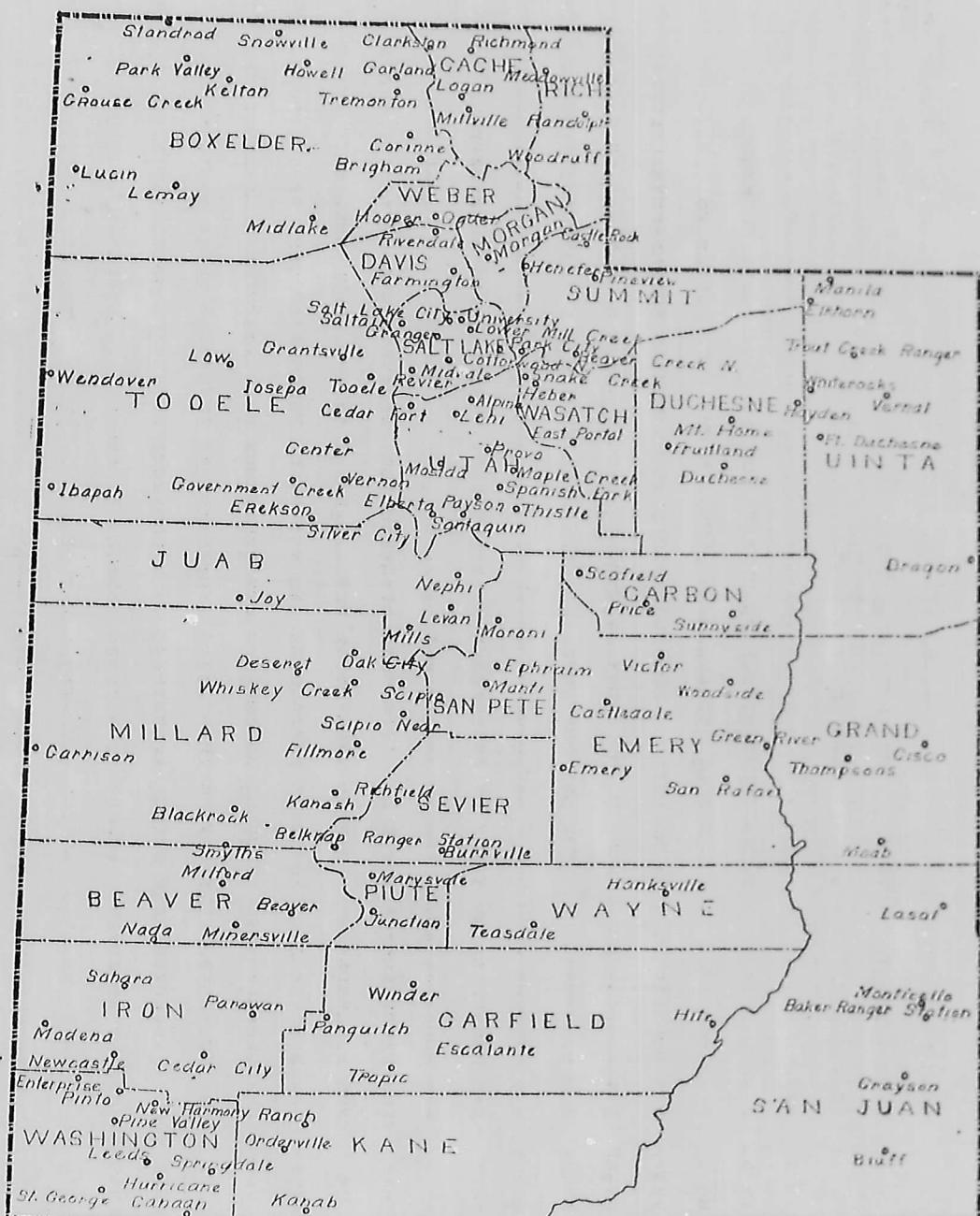
Monthly Minimum Temperatures for the Year 1914, with Dates.

Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
	Minimum.	Date.	Minimum.	Date.	Minimum.	Date.	Minimum.	Date.	Minimum.	Date.	Minimum.	Date.
Beaver.....	-12	28	-6 ^a	6	6	3	20	1	28	6	40	22
Black Rock.....	-6	28 ^t	-1	7	9	22	1	36	6	42	22	21
Bluff.....	9	12 ^t	18	6	20	34	17	45 ^a	8	33	30	25 ^t
Brigham City.....	1	12	5	6	26	12 ^t	33	1	35	6	55	13 ^t
Burryville.....	-15	10	-11	7	5 ^a	3	21	9	20	17	48	18
Castle Dale.....	-23	15	-10	1	6	2	24	2	24	5	35	29
Cedar City.....	7 ^t	28 ^t	13 ^b	9	18 ^d	3	29	18 ^t	29 ^a	11	30	14 ^t
CENTER.....	-10	29	-12	6	15	22	23	28	1	31	10	21
Corinne.....	-8	12	-2	6	20	25	15	30	8	43	23	14 ^t
Deseret.....	-8	29	-9	6	16	22	27	30	1	32	19	15
Diamond (near).....	-11	12	-5	6	10	37 ^t	26	11	30	6	46	19
Duchesne.....	-21	12	-10	3 ^t	11	22	25	9	29	1	45	6
East Portal.....	-34	11	-24	15	-13	13	12	9	18	1	35	23
Elberta.....	-3	29	-7	6	20	37 ^t	30	1	30	5	46	23 ^t
Emery.....	-8	9	-3	1 ^t	6	11	29	23	21	8	40	27
Farmington.....	10	11 ^t	7 ^c	6	26	3	32	1	32	5	49	18 ^t
Fillmore.....	6	28	1	6	20	22	32	17	31	1	47	22
Ft. Duchesne.....	-15 ^a	30	-20	7	14	22	29	7	29	1	38	22
Fruitland.....	-23	11 ^t	-14	15	4	3	24	8 ^t	17	5	46	21
Garrison.....						33	5	35	6	49	22	31
Government Creek.....	1	28	-10	6	15	3	27	17	28	5	45	6
Grayson.....	3	29	8	6 ^t	19	22	31 ^b	9 ^t	38 ^t	11	39	22
Green River.....	-17	11 ^t	12	7	13 ^c	28	12	33	1	43	9	33
Hanksville.....						5	26	12	30	17	40	27
Heber.....	-14	29	-12	6	10	3	26	14	22	5	34	23
Heufer.....	-14	11	-15	6	10	3	26	14	22	5	34	23
Hopah.....	-14	10	-3	5 ^t	10	23	17	27	5	42	23 ^t	22
Josepha.....	10	12	-1	6	20	22	29	1	32	6	41	19 ^t
Kanab.....	11	30	-14	7	20	4	25	17	27	5	36	20
Kelton.....	-11	12	-5	6	20	23	30	17	27	5	36	13
La Sal.....	-4	29	0	6 ^t	13	37 ^t	25	23	30	1	44	28
Leeds (Echo Farm).....	21	12	-24	4 ^t	33	2	30	5	38	2	44	27 ^t
Lehi.....	4	29	-2	6	22	3	28	6	31	1	33	23
Lemay.....	0	29 ^t	10	6	28	26	39	17	47	1	31	23
Levan.....	-1	29	-6	6	21 ^a	22	30	17	30	1	41	18
Logan.....	-11	12	-7	6	10	21	25	1	32	5	41	17
Low.....	-8	11	10	3	22	2	31	3	32	5	47	18
Lower MTH Creek.....	9	29	5	6	22	3	34	16 ^t	32	1	29	6
Lucin.....	-7	10 ^t	0	6	17	22	30	17 ^t	33	12	30	6
Manila.....	-30	12	-15	3	8	21	16	18	21	6	46	23
Manti.....	-3	11 ^t	1	6	15	3	27	9 ^t	28	1	43	22
Marysvale.....	1	29	3	9	11	20 ^t	21	16	21	6	47	22
Meadowville.....	-5	12	-8	6	7	3	23	1	24	5	27	22
Midlake.....	22	6 ^t	16	6	33	3	45	1	35	6	60	22
Midvale.....	1	28	-7	5	19	22	29	30	4	32	6	49
Millford.....	2	29	8	7	15	22	28	18	31	1	33	22
Moab.....	0	12	15	7	16	22	33	12	38	1	46	8 ^t
Modena.....	1	28	7	7	18	22	26	18	31	1	34	6 ^t
Monticello.....						16 ^t	24	26	28	30 ^b	44	24 ^t
Morgan.....	-9	11	-2	3	17 ^a	34 ^t	27	6	23	5	48	27 ^t
Moroni.....	-1	29	-1	6	14	3	29	11	32	5	40	21
Mosida.....	-1	30	5	4 ^t	20	24	30	27	33	6	46	27 ^t
Mountain Home.....	-22	11	-14	6	12	34	25	9	38	11 ^t	27	32
Nephi (near).....						28 ^a	17	27	31	6	45	22 ^t
Oak City.....						28 ^a	17	27	31	6	45	22 ^t
Ogden.....	-7	28 ^t	0	6	20	13	32	17	30	1	41	21 ^t
Panguitch.....	-7	10	-6	7	13	22	22	17	24	1	30	9 ^t
Park City.....	2	29	-7	6	12 ^a	34 ^t	23	28	21	17	40 ^b	18 ^t
Parowan.....	3	28	-8	7	19	3	28	17	30	11	31	22
Pine View.....	-10	29	-17 ^a	6	-3	3	24 ^t	14	26 ^b	5	27 ^t	10 ^t
Pinto.....	-4	28	5	7	15 ^t	16	22	11 ^t	26	2	30	9 ^t
Price.....	-9	11		6	17	22	29	17	26	5	41 ^t	23 ^t
Provo.....	-6	29	-8	6	17	22	29	17	26	5	45 ^t	23 ^t
Ranch.....	-4	10									27	25
Richfield.....											27	25
Riverville.....											27	25
St. George.....	15	10	15	7	25	4	33	17	35	1	43	22
Sahara.....	8	10 ^t	6	7	15	22	25	17	30	2	34	22
Saltair.....	15	29	14	6	29	20	40	17	38 ^b	1	46	22
SALT LAKE CITY.....	12	29	11	6	29	3	38	16	37	1	32	22
Santaquin.....	4	29	-3	6	19	3	32	14	32	14	44	22
Scipio.....	-11	10 ^t	-8	6	13	22	27	3	28	5	31	23
Scotfield.....	-24	11	-23 ^a	3	0	12	19	8 ^t	18	14	44	5 ^t
Snake Creek.....	-8	29	-3	3 ^t	11	34 ^t	25	1	26	5	32	27
Snowville.....	-17	12	-14	6	12	22	29	17	26	7	31	27
Spanish Fork.....	7	10 ^t	-3	6	18	3	30	18	33 ^a	5 ^t	45 ^t	23 ^t
Springdale.....	18	4	24	2	13	21	28	16 ^t	32	1	46	23 ^t
Standrod.....	7	10	-5	6	13	21	28	16 ^t	32	1	46	23 ^t
Tenside.....											27	25
Thistle.....											27	25
Thompsons.....											27	25
Tooele.....	7	28	0	6	20	3	30	12	31	1	31	22
Tremonton.....											27	25
Tropic.....	0	30	1	7	17	22	26	23	31	1	34 ^b	23
University of Utah.....	4	29	24	25	28	11 ^t	33 ^b	17	32 ^a	6	52	5 ^t
Vernal.....											33	31
Wendover.....	2	11	2	6	20	23	32	1	38	17	48	8 ^t
Woodruff.....	-22 ^a	12	-22	6	-3	3	24	8	21	6	40	14 ^t
Woodside.....	-33	10	-10	9 ^t	14	11 ^t	23 ^t	10	28	4	47	22 ^t

† Also on subsequent dates.

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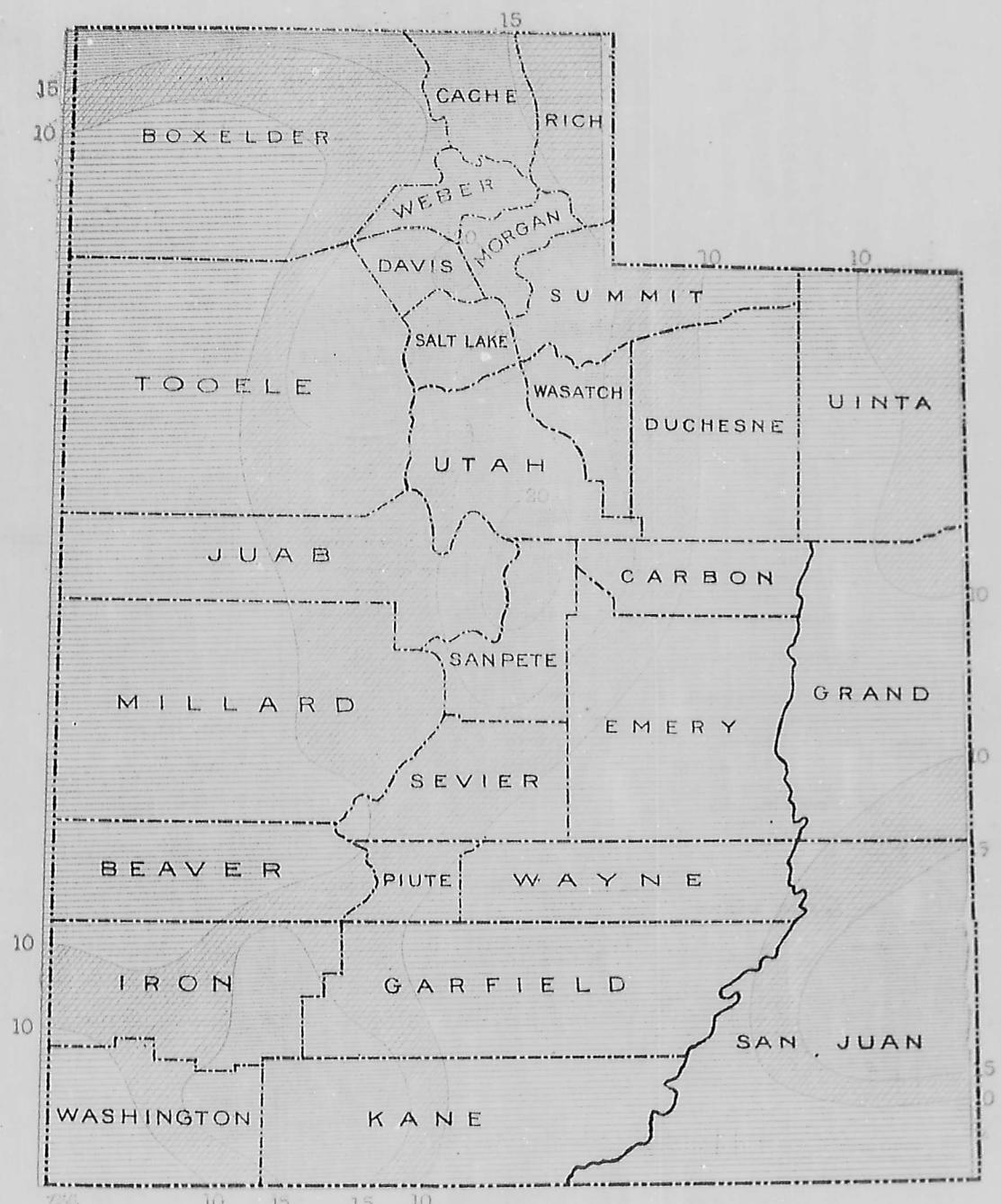
CHART SHOWING OBSERVATION AND FORECAST DISPLAY STATIONS.



Note.—The above map is for reference. Salt Lake City and Modena are regular Weather Bureau stations; all others are cooperative stations, where observations of temperature and precipitation are taken by citizens of this State.

Forecast Cards are mailed each morning to persons who desire them and who can be reached quickly by mail from Salt Lake City and Provo.

TOTAL PRECIPITATION, INCHES, YEAR 1914.



SCALE OF SHADES- IN INCHES.

Scale of Shading	Inches
White	Less than 5
Light gray	5 to 10
Moderate gray	10 to 15
Dark gray	15 to 20
Black	More than 20

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Cooperative Stations and Observers.

Stations.	Observers.	Stations.	Observers.	Stations.	Observers.
Alpine.....	T. F. Carlisle.	Hurricane.....(C)	Amos Workman.	Payson.....	D. L. Coombs.
Baker Ranger Station.....(C)	Forest Service.	Ibapah.....	W. M. Chastain.	Pine Valley.....(C)	Mason Gardner.
Beaver.....	Clyde Messinger.	Ibex.....	John J. Watson.	Pine View.....(C)	Granville Denning.
Beaver Creek Nursery.....	Forest Service.	Iosepa.....	James K. Halemann.	Pinto.....(C)	J. H. Harrison.
Belknap Ranger Station.....	Forest Service.	Junction.....	Joseph Jensen.	Price.....(C)	Roy Barker.
Black Rock.....	Agent Salt Lake Route.	Kanab.....(C)	D. D. Rust.	Provo.....	Reclamation Service.
Bluff.....(C)	H. H. Redd.	Kanosh.....	George Crane.	Ranch.....(C)	J. W. Sorenson.
Brigham City.....	N. Merrell Valentine.	Kelton.....	F. W. Klock.	Randolph.....	William Beck.
Burrville.....	F. R. Curtis.	La Sal.....(C)	Mrs. Gertrude W. Carpenter.	Revere.....	E. L. Terry.
Canaan.....(C)	J. M. Lauritzen.	Leeds (Echo Farm).....(C)	B. F. Anderson.	Richfield.....	Simeon Christensen.
Castle Dale.....(C)	Miss Fay Jeffs.	Lehi.....	Joseph Anderson.	Richmond.....	J. B. Thompson.
Castle Rock.....	David Moore.	Lemay.....	Agt. Southern Pacific Co.	Rivertdale.....	Eugene Bone.
Cedar City.....	Parley Dailey.	Levan.....	Clarence Gardner.	Sahara.....	Earl Markwith.
Cedar Fort.....	John Dewey, Jr.	Logan.....	Experiment Station.	St. George.....(C)	Ray Smith.
Center.....	L. C. Peterson.	Low.....	Agt. Western Pacific Co.	Saltair.....	E. J. Bentz.
Cisco.....(C)	James I. Rounds.	Lower Mill Creek.....	D. Folker.	SALT LAKE CITY ***	U. S. Weather Bureau.
Clarkston.....	W. J. Griffiths.	Lucin.....	E. C. Puryear.	Santaquin.....	Wm. Broadbent.
Corinne.....	A. C. Murphy.	Manilla.....(C)	D. M. Nelson.	Seipio.....	Thos. Monnett.
Cottonwood Nursery.....	Forest Service.	Manti.....	J. M. Anderson.	Seipio (near).....	Bernard Sambo.
Deseret.....	S. W. Western.	Maple Creek.....	Lewis W. Gillilan.	Scofield.....(C)	B. Nevin.
Dragon (near).....(C)	Homer D. Ford.	Marysville.....	A. Soyska.	Silver City.....	J. L. Stark.
Duchesne.....(C)	M. M. Smith.	Meadowville.....	J. S. Moffat.	Smiths.....	V. Wadlop.
East Portal.....(C)	Reclamation Service.	Midlake.....	Stella M. Gibson.	Snake Creek.....	J. W. Gerrock.
Elberta.....	D. C. Walky.	Midvale.....	E. D. Camomile.	Snowville.....	J. C. Cutler.
Elkhorn.....(C)	Forest Service.	Millford.....	John Knall.	Spanish Fork.....(C)	Reclamation Service.
Emery.....(C)	H. C. Wickman.	Mills.....	George McCune.	Springdale.....	F. D. Gifford.
Enterprise.....(C)	James E. Hall.	Millville.....	Fred Yates.	Standrod.....	T. B. Jones.
Erekson.....	N. W. Erekson.	Minersville.....	Fred R. Pryor.	Sunnyside.....(C)	J. M. Stapp.
Farmington.....	Chas. Boylin.	Moab.....(C)	Henry Crouse.	Teasdale.....(C)	Henry Cullum.
Fillmore.....	J. J. Starley.	Modena ***	U. S. Weather Bureau.	Thistle.....	John J. Hayes.
Ft. Duchesne.....(C)	Geo. W. Dickson.	Monticello.....(C)	E. H. Barton.	Thompson.....(C)	Agt. D. & G. Railroad.
Fruitland.....(C)	J. E. L. Carey.	Morgan.....	E. O. Kingston.	Tooele.....	E. A. Bowill.
Garland.....	Heber C. Cutler.	Moroni.....	B. F. Eliason.	Tremonton.....	David Holmgren.
Garrison.....	E. M. Smith.	Mosida.....	W. F. R. Mills.	Tropic.....(C)	E. P. Bolton.
Government Creek.....	Walter James.	Mountain Home.....(C)	Oscar Wilkins.	Trout Creek Ranger.....(C)	Forest Service.
Granger.....	Max Greene.	Nada.....	L. A. Culmsee.	University of Utah.....	A. A. Knowlton.
Grantsville.....	Monte Barrus.	Nephi (near).....	A. D. Ellison.	Vernal.....(C)	Mrs. S. M. Logan.
Grayson.....(C)	E. F. Thompson.	New Castle.....	T. W. Jones.	Vernon.....	Gwyn Beaton.
Green River.....(C)	E. E. Adams.	New Harmony.....(C)	George F. Prince.	Victor.....(C)	F. F. Noyes.
Grouse Creek.....(C)	Philip Packett.	Oak City.....	Jos. L. Anderson.	Wendover.....	J. S. Cooper.
Hanksville.....(C)	F. J. Weber.	Ogden.....	Ralph Shorten.	Whiskey Creek.....(C)	George Stevens.
Hayden.....(C)	J. C. Peterson.	Orderville.....(C)	F. A. Porter.	White Rocks.....(C)	E. C. Sims.
Heber.....	John Crook.	Panguitch.....	H. L. Streabel.	Winder.....	Rollo Adair.
Henefer.....	Wm. Dwyer.	Park City.....	Rev. Hoyt Henriques.	Woodruff.....	Arvel W. Dean.
Hite.....(C)	John P. Hite.	Park Valley (near).....	Earl W. Morris.	Woodside.....(C)	S. M. Miller.
Howell.....	C. B. Gunnell.	Parowan.....	Alex Matheson.		

All stations are in the Great Basin except those marked (C) which are in the Colorado River drainage area.

Display Stations.

Station.	Distributor.	Station.	Distributor.
Green River.....	Edgar E. Adams.	Modena.....	Weather Bureau.
Heber.....	Postmaster.	Provо.....	Postmaster.
Hooper.....	Postmaster.	Salt Lake City.....	Warden State Prison

Fall Frost Stations.

Brigham City.....	N. M. Valentine.	Roy.....	H. Swanner.
Elberta.....	M. B. Whitney.	Tremonton.....	D. Holmgren.
Provo.....	J. B. Walton.		

Spring Frost Stations.

Deseret.....	S. W. Western.	Roy.....	H. Swanner.
Mills.....	George McCune.	Willard.....	J. R. Lowe.
Nephi.....	Edwin Cazier.		

U. S. DEPARTMENT OF AGRICULTURE
WEATHER BUREAU

CHARLES F. MARVIN, CHIEF

CLIMATOLOGICAL DATA

UTAH SECTION

JANUARY, 1915

BY

ALFRED H. THIESSEN

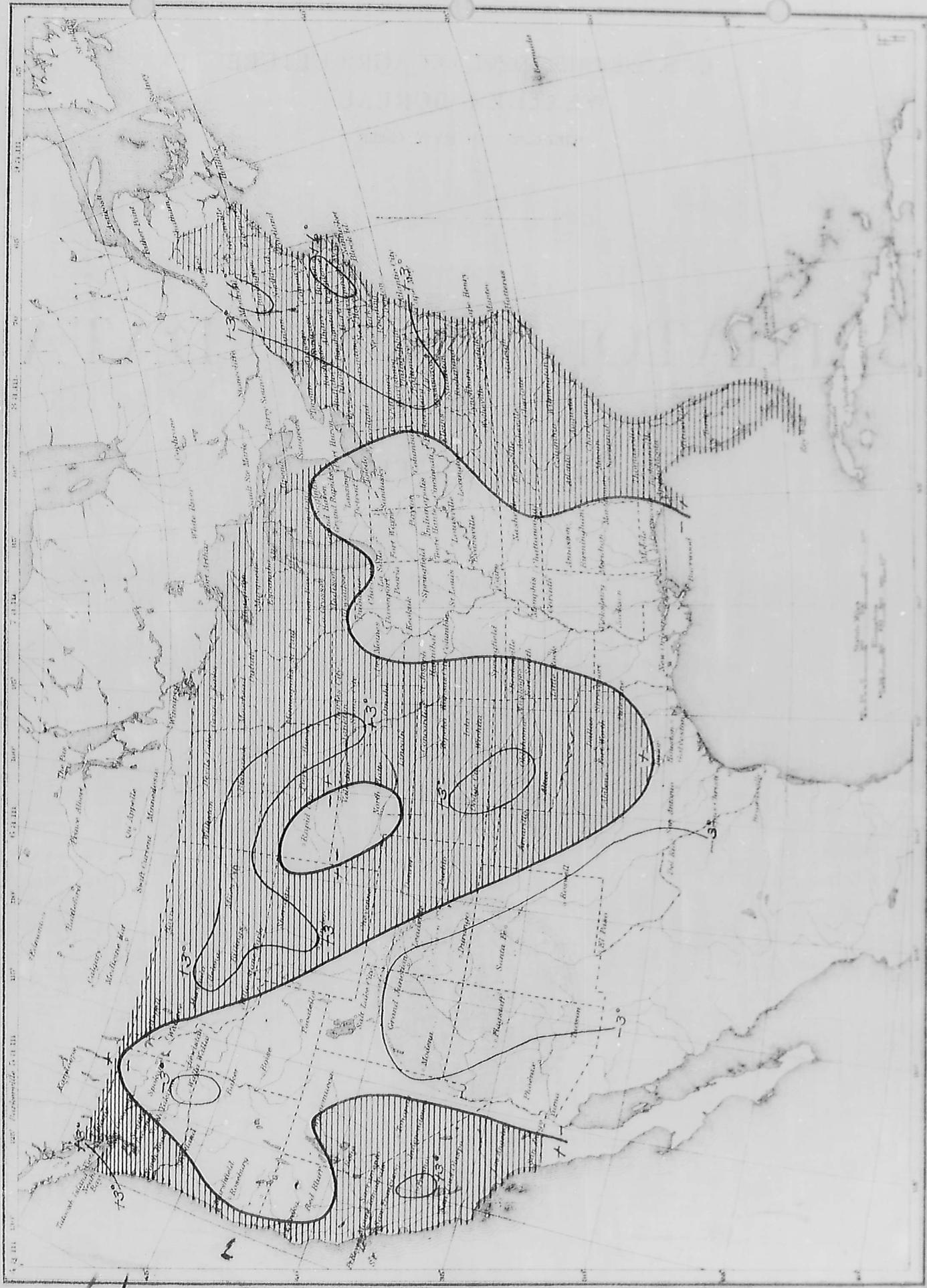
SECTION DIRECTOR



SALT LAKE CITY, UTAH
WEATHER BUREAU OFFICE
FEBRUARY 17, 1915.

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THE MOUNTAIN HORSE IN THE NORTHERN HEMISPHERE 191



U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

UTAH SECTION.

ALFRED H. THIESSEN, Section Director.

VOL. XVII. SALT LAKE CITY, UTAH, JANUARY, 1915. No. 1.

GENERAL SUMMARY.

This month was exceptionally cold, the temperature averaging lower than any January of record since 1898 with the exception of January, 1913 which was somewhat colder. The snow cover was very light or none at all except during the last few days of the month when considerable snow fell; but no damage to winter wheat or range cattle was reported.

This month like the preceding December was characterized by a long period of unbroken cold weather culminating in some very low temperatures on the 22d, 23d, and 24th; but those temperatures, comparatively speaking, were not excessively low. Fort Duchesne reported a monthly mean temperature 1° above normal, and with this exception all stations having long enough records to compute a normal reported means below normal. The cold weather covered a period from the 1st to the 26th, after which latter date the weather was mild and the highest temperatures for the month were recorded.

There were on the average 6 rainy days in the month, which was about normal. The precipitation for the State averaged slightly below normal. Small amounts occurred during the first half of the month, but on the last few days of the month comparatively large amounts of heavy wet snow fell generally throughout the State, which did much to improve the prospects for sufficient irrigating water for next spring and summer.

PRESSURE.

The monthly mean atmospheric pressure for the State, reduced to sea level, was 30.09 inches, obtained from data at Salt Lake City and Modena.

The highest was 30.58 inches at Salt Lake City on the 10th. The lowest was 29.38 inches at Modena on the 29th.

TEMPERATURE.

The monthly mean temperature for the State was 22.7° which is 4.6° below normal. The highest previous State mean was 31.9° , and the lowest was 16.9° .

The highest local monthly mean was 39.1° at Springdale; the next highest being 36.1° at St. George.

The lowest local monthly mean was 13.3° at Scofield.

The highest temperature was 64° at Springdale on the 3d.

The lowest was -25° at Scofield on the 23d.

The State monthly range in temperature was 89° .

The greatest daily local range was 57° at Scofield on the 20th and at Scipio on the 27th.

HUMIDITY.

At Salt Lake City the mean relative humidity at 6 a. m. was 68 per cent, at 6 p. m. 64 per cent, and the monthly average 66 per cent. At Modena at 6 a. m. it was 82 per cent, at 6 p. m. 60 per cent, and the monthly average 71 per cent.

PRECIPITATION.

The average precipitation for the State was 1.15 inches, or 0.18 inch below the normal. The greatest previous average for

this month was 2.88 inches in 1909; and the least was 0.43 inch in 1900.

The greatest monthly amount was 3.80 inches at Leeds.

The least monthly amount was a trace at Manila.

The greatest amount in 24 hours was 2.10 inches at Hayden on the 29th.

The average snowfall, unmelted, was 11.1 inches.

The average number of rainy days, 0.01 inch or more, was 6.

WIND.

The prevailing direction of the wind for the State was from the north. The average velocity at Salt Lake City was 5.2 miles per hour; the highest 44 miles per hour from the west on the 12th; and the prevailing direction from the southeast. At Modena the average velocity was 8.3 miles per hour; the highest 36 miles per hour from the west on the 25th; and the prevailing direction from the west.

SUNSHINE AND CLOUDINESS.

The monthly percentage of possible sunshine was 64 at Salt Lake City, and 53 at Modena.

For the State the average number of clear days was 13; partly cloudy, 5; and cloudy, 13.

ERRATA.

December, 1914. Deseret, lowest temperature -8° . Marysville, Mean temperature 31.8° , snowfall, 3.3 inches. Moroni, snowfall 9.8 inches.

COMPARATIVE DATA FOR THIS MONTH.

Year.	Temperature.			Average precipitation (0.01 inch or more).	Number of days				Prevailing wind.
	Mean.	Highest.	Lowest.		Rainy (0.01 inch or more),	Clear,	Partly Cloudy,	Cloudy,	
1891	24.4	68	-19	0.85	5	11	6	8	SW.
1892	26.0	71	-23	0.94	3	17	6	10	N.W.
1893	21.9	63	-24	1.18	6	13	8	10	N.W.
1894	23.0	60	-25	1.67	7	11	9	11	N.
1895	28.4	66	-17	0.81	4	12	9	10	SW.
1896	26.1	68	-24	1.53	6	12	8	11	N.
1897	16.9	69	-34	1.07	6	15	8	8	N.
1898	27.9	70	-21	1.14	6	11	10	10	SW.
1899	31.6	70	-10	0.43	3	15	7	9	SW.
1900	28.2	64	-26	0.69	4	15	7	9	SW.
1901	26.5	74	-38	0.71	4	15	7	9	N.
1902	27.0	66	-21	1.40	5	15	6	10	N.
1903	23.3	68	-23	0.83	4	11	8	9	D.
1904	28.9	71	-22	0.86	5	12	7	12	SW.
1905	25.3	70	-39	1.60	6	12	6	13	SW.
1906	28.0	66	-20	2.30	9	9	8	14	S-SW.
1907	27.8	80	-22	0.79	4	14	8	8	N.
1908	31.9	68	-32	2.88	8	10	9	12	SW.
1909	23.8	70	-34	1.51	6	13	8	10	SW.
1910	31.5	86	-23	2.38	8	9	8	14	S.
1911	27.6	69	-33	0.48	3	14	9	8	S.
1912	21.3	65	-50	0.68	4	14	8	9	S-SW.
1913	28.5	71	-33	2.61	9	11	7	13	S.
1914	22.7	64	-25	1.15	6	13	5	13	D.
1915									

GREAT SALT LAKE WATER LEVEL RECORDS AT SALT AIR.

(Feet and tenths.)

Zero of gage is 4,212.9 feet above sea level.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
1915	1st +5.6												
	15th +5.6												

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CLIMATOLOGICAL DATA: UTAH SECTION

JANUARY, 1915.

Climatological Data for January, 1915.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.				Precipitation, inches.				Number of days	Observers.		
				Mean.	Departure from the normal.	Highest.	Date.	Total.	Departure from the normal.	Greatest in 24 hours.	Total Snowfall, unmeasured.				
							Date.	Greatest daily range.			With precipitation 0.01 inch or more.				
Beaver.	Beaver.	6,000	10	20.6	46	31	-18	23	48	0.98 +0.30	0.47	6.0	5 9	S. Z. Jenkins	
Black Rock.	Millard.	4,872	19	20.6	46	31	-3	23	30	0.99	0.40	7.5	4	Agent Salt Lake Route.	
Bluff.	San Juan.	4,200	2	19.8	45	31	-7	23	33	0.69	0.30	3.0	7	H. H. Redd.	
Brigham City.	Boxelder.	4,305	2	23.7	45	27	-7	23	44	0.81	0.56	3.0	7	N. Merrill Valentine.	
Burryville.	Sevier.	6,800	3	18.4	45	2	-10	21	44	+1.08	0.50	3.0	3	F. R. Curtis.	
Castle Dale.	Emery.	5,500	15	14.6 - 6.6	42	31	-10	23	34	1.80	0.56	8	21	Mis. Fay Jeffs.	
Cedar City.	Iron.	5,750	9	27.9	57	3	-1	17	40	1.42	0.45	16.7	9 15	Parley Bailey.	
Center.	Tooele.	4,250	3	19.2 - 5.7	39	14	-10	24	40	0.51	-0.90	0.30	2	L. C. Peterson.	
Corinne.	Boxelder.	4,240	44	19.2 - 5.7	39	14	-12	23	42	1.40	+0.89	0.50	14.0	A. C. Murphy.	
Desret.	Millard.	4,641	19	20.6 - 7.4	45	13	-12	23	42	1.40	0.50	9.12	4 15	S. W. Western.	
Dragon (near).	Uinta.	6,210	4	21.6	60	28	-4	23	46	0.74	0.26	4	25	Homer D. Ford.	
Duchesne.	Duchesne.	5,500	7	16.4	45	21	-15	23	43	0.60	0.20	5.5	5 15	M. M. Smith.	
East Portal.	Wasatch.	7,650	2	12	45	2	-16 ^t	17	54 ^t	0.53	0.83	6.5	1 18 ^t	Reclamation Service.	
Elberta.	Utah.	4,650	12	23.0 - 5.7	44	31	-7	23	32	0.72	-0.27	0.25	4.0	H. C. Walkley.	
Emery.	Emery.	6,200	13	22.7 - 3.5	46	27	-5	22	43	0.70	+0.29	0.20	7.0	4 5	Chas. Boylin.
Farmington.	Davis.	4,268	13	25.7 - 4.4	45	29	-1	23	28	1.31	-1.11	0.39	11.4	J. J. Starley.	
Filmore.	Millard.	5,100	22	25.4 - 5.8	48	13	-2	23	34	1.43	+0.27	0.49	6.7	Geo. W. Dickson.	
Ft. Duchesne.	Uinta.	4,941	26	13.6 + 1.0	40	30	-14	23	38	0.35	-0.12	0.22	4	J. E. L. Casey.	
Fruitland.	Duchesne.	6,725	4	18.5	40 ^t	2	-16 ^t	17	54 ^t	0.53	0.83	6.5	1 18 ^t	Heber C. Cutler.	
Garrison.	Boxelder.	4,248	2	12	45	2	-16 ^t	17	54 ^t	0.53	0.83	6.5	1 18 ^t	E. M. Smith.	
Government Creek.	Millard.	4,850	10	12	45	2	-16 ^t	17	54 ^t	0.53	0.83	6.5	1 18 ^t	Walter James.	
Tooele.	San Juan.	5,277	18	24.2 - 4.4	45	3	-3	23	38	0.56	-0.54	0.23	5	E. P. Thompson.	
Grayson.	Emery.	6,000	7	21.8	37	24	-1	17	28	2.45	1.32	18.5	6 14	E. E. Adams.	
Green River.	Wayne.	4,080	14	16.1 - 8.6	42	15	-12	24	43	1.20	+1.01	0.47	12.9	F. J. Weber.	
Hanksville.	Wasatch.	4,200	3	17.2	42	15	-15	23	41	1.07	0.72	9.0	5 13	John Crook.	
Heber.	Summit.	5,593	21	16.6 - 5.2	42	29	-20	23	50	1.25	-1.21	0.30	17.0	6 15	Wm. Brewer.
Henefer.	Tooele.	5,361	14	27.7 - 4.0	45	27	-22	23	50	0.95	-1.56	0.30	8.0	11 11	W. M. Chastain.
Hibpai.	Boxelder.	7,500	9	22.2	43	28	-15	23	49	0.52	0.20	4.8	5 16	James K. Halemanu.	
Iosepa.	Kane.	4,350	3	19.6	43	31	-8	23	51	0.64	0.22	5.2	5 20	D. D. Rust.	
Kanab.	Boxelder.	4,925	6	28.6	51	3	6	17	4	1.94	0.80	18.0	6	F. W. Klock.	
Kelton.	San Juan.	7,000	11	22.4	41	40	-1	8	22	6	1.08	+0.37	0.22	9.0	Mrs. Gertrude W. Carpenter.
La Sal.	Washington.	3,400	2	34.1	64 ^t	20	14 ^t	24	27 ^t	3.80	1.80	3	2 12 ^t	B. F. Anderson.	
Lehi.	Utah.	4,550	1	22.4	40	31	-6	23	36	1.94	0.50	14.6	7 16	Joseph Anderson.	
Lemay.	Boxelder.	4,221	3	25.8	41	30	7	23	29	0.47	0.37	4.2	2 13	Agt. Southern Pacific Co.	
Levan.	Juab.	5,010	24	22.5 - 2.5	42	12	-4	22	32	1.14	-0.31	0.16	10.2	12 ^t	Clarence Gardner.
Logan.	Cache.	4,507	23	22.1 - 2.6	41	31	-11	22	40	1.06	-0.67	0.34	10.6	7 15	Experiment Station.
Lower American Fork.	Tooele.	4,602	3	26.9	47	30	0	22	31	0.16	0.10	1.6	3 12	Agt. Western Pacific Co.	
Lower Mill Creek.	Utah.	5,063	27	0	45	4	0	23	30	2.37	0.70	11.7	11 10	Utah Light & Power Co.	
Lucin.	Salt Lake.	.....	1	29.2	52	12	5	22 ^t	26	0.86	0.55	9.6	7 12	D. Folker.
Manilla.	Boxelder.	4,504	7	21.1	46	31	-9	23	37	0.28	0.14	1.0	4 16	E. C. Puryear.	
Maniti.	Uinta.	6,225	4	16.8	48	4	-4	22	54	T.	T.	0	5 ^t	D. M. Nelson.	
Marysvale.	Sanpete.	5,575	19	19.6 - 6.2	46 ^t	31	-10 ^t	23	43	0.79	-0.44	0.16	10.4	J. M. Anderson.	
Meadowville.	Plute.	6,180	13	22.8 - 6.0	44	31	-8	23	43	0.57	-0.27	0.28	10.6	A. Soyle.	
Midlake.	Rich.	6,200	13	20.4	42	27	-15	23	42	0.62	0.20	2.0	6	J. S. Moffat.	
Midvale.	Boxelder.	4,235	3	28.8	38	12	-19	23	51	0.45	-2.25	0.30	7.0	Stella M. Gibson.	
Millford.	Salt Lake.	4,365	2	26.4	48	31	-1	23	34	0.84	0.48	2.4	7 9	E. D. Gammie.	
Moab.	Beaver.	4,962	6	12	45	2	-16 ^t	17	54 ^t	0.78	0.48	7.0	4 24 ^t	John Knoll.	
Modena.	Grand.	4,000	24	19.3 - 10.6	46	30	-8	23	37	2.31	-1.65	0.60	18.0	8 6	Henry Crouse.
Monticello.	Iron.	5,479	13	24.2 - 3.3	48	21	-6	24	42	1.12	+0.39	0.58	12.7	7 10	U. S. Weather Bureau.
Morgan.	Boxelder.	7,050	6	20.4	47	27	-15	23	42	0.62	0.20	2.0	6	E. H. Barton.	
Moroni.	Sanpete.	5,068	9	20.4	47	27	-15	23	42	0.62	0.20	2.0	6	O. Kingstone.	
Mosida.	Boxelder.	6,000	6	23.4	45	2	-4	23	39	1.06	0.24	12.1	9 12	B. F. Eliason.	
Mountain Home.	Duchesne.	6,000	1	21.1	46	30	-	23	35	0.78	0.48	7.0	6 14	W. F. R. Mills.	
Mountai (near).	Juab.	5,119	9	25.0	44	13	-2	23	31	1.68	0.47	15.8	8 10 ^t	Oscar Wilkins.	
Oak City.	Millard.	4,900	7	25.0	44	28	-19	23	35	1.02	-0.59	0.37	6.5	A. D. Ellison.	
Ogden.	Weber.	4,310	43	25.8 - 3.4	44	28	-11	17	41	1.59	1.27	14.6	2 17	Jos. L. Anderson.	
Panguitch.	Garfield.	6,560	2	19.6	40	28	-7	23	36	0.72	-0.63	0.32	9.5	Ralph Shorten.	
Park City.	Summit.	7,000	9	22.0 - 2.2	44	2	-6	22	30	0.92	0.26	20.0	10 12	H. L. Stremel.	
Barrowan.	Iron.	5,970	23	27.6 - 1.7	53	34	-4	23	41	1.60	+0.59	0.75	14.0	Rev. Hoyt Hemmings.	
Blue View.	Summit.	6,335	2	18.4	48 ^t	6	-16 ^t	23	56	0.78	0.48	7.0	5 11	Alex Matheson.	
Pinto.	Washington.	5,907	16	23.1 - 4.6	52	27	-8	23	51	1.28	-0.07	0.70	4 10	Granville Denning.	
Price.	Carbon.	5,557	3	17.1	40	30	-11	22	35	0.45	0.50	5.5	3 20	J. H. Harrison.	
Provo.	Utah.	4,532	20	22.2 - 7.0	45 ^t	20	-8 ^t	23	38 ^t	1.01	-0.52	0.54	3	Roy Barker.	
Ranch.	Kane.	6,700	12	25.6 - 2.1	57	14	0	19	49	0.77	+0.12	0.23	13.5	Reclamation Service.	
Richfield.	Sevier.	5,350	20	25.6 - 2.1	57	14	-2	23	31	0.82	0.46	7.8	5 13	J. W. Seaman.	
Riverdale.	Weber.	4,310	1	24.4	40	14	-2	22	31	0.82	0.47	12.2	5 11	Simon Christensen.	
Sahara.	Iron.	5,209	2	24.4	50	21	-5	24	50	1.05	0.50	12.5	6 21	Eugene Bone.	
St. George.	Washington.	2,880	27	36.1	59	22	11	23	40	2.73	1.36	7.0	6 18	Earl Markwith.	
Saltair.	Salt Lake.	4,220	10	25.8	45	14	6	23	21	0.71	0.22	6.5	7	Ray Smith.	
SALT LAKE CITY.	Salt Lake.	4,360	40	28.2 - 0.6	44	27	7	23	26	0.72	-0.63	0.32	5.2	E. J. Bench.	
Santaquin.	Utah.	5,250	1	25.4	44	31	-2	23	30	0.40	0.48	8.6	9 11	U. S. Weather Bureau.	
Seipio.	Millard.	5,200	19	22.9 - 4.9	52	27	-17	23	57	1.54	+0.09	0.57	16.3	Wm. Broadbent.	
Scofield.	Carbon.	5,725	5	13.3	45	20	-25	23	57	0.55	0.17	7.0	15 16	Thos. Memmott.	
Snake Creek.	Wasatch.	5,950	1	19.9	43	29	-13	23	40	1.67	0.45	20.8	9 13	B. Newnam.	
Snowville.	Boxelder.	1	18.5 - 5.5	48	30	-19	23	53	0.75	-0.53	0.41	4.5	2 8	J. W. Orrock.	
Spanish Fork.	Utah.	4,585	5	25.7	46	4	-1	23	31	1.49	0.47	12.2	9 13	J. C. Cutler.	
Springdale.	Washington.	3,500	6	39.1	64	3	15	17	38	3.55	1.35	3.0	8	Reclamation Service.	
Standrod.	Boxelder.	6,000	9	24.8	44	1	-2	22	31	0.49	0.30	8.2	8 16	F. D. Gifford.	
Teasdale.	Wayne.	7,000	5	20.4 - 6.3	44	19	-6	17	35	0.98	+0.44	0.70	12.0	T. B. Jones.	
Thistle.	Utah.	5,075	20	18.3 - 7.3	54	2	-19	23	54	2.20	+0.25	0.50	24.0	4 8	Henry Cullum.
Thompsons.	Grand.	5,150	2	20.8	46	30	-2	23	36	0.43	0.28	4.2	3 20	John H. Hayes.	
Tooele.	Garfield.	4,900</													

Daily Precipitation for January, 1915.

CLIMATOLOGICAL DATA: UTAH SECTION

JANUARY, 1915.

Daily Temperatures for January, 1815

Stations.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean	
Black Rock.....	Maximum 35	44	39	37	33	30	36	34	38	36	39	40	45	41	30	30	31	31	36	40	39	30	35	33	40	40	41	35	38	46	36.2		
	Minimum -1	2-3	14-10	-1	14-11	3-2	22-3	5-7	5-27	4-15	2-10	0-28	26-24	20-10	6-13	6-7	5-7	5-5	18	1	4	18	29	26	26	4-9	26	26	26	22.5			
Burrville.....	Maximum 31	43	40	30	26	33	30	29	29	30	26	38	26	40	39	40	35	30	35	33	29	30	33	35	32	30	36	36	36	36	36	36	
	Minimum 2	3	15	20-2	-2	5	10	-3	10	6	2	15	2	0	10	3	9	-1	4	-6	-10	6	5	3	0	2	5	3	5	15	21	4.2	
Castle Dale.....	Maximum 27	25	30	28	35	33	30	28	25	28	26	24	22	23	38	30	27	31	30	31	27	23	28	24	29	27	31	33	35	35	28.8		
	Minimum -1	2	0	1	5	4	3	2	0	-1	3	-1	-2	0	4	-3	3	1	3	-2	-10	-16	3	1	0	2	8	10	12	9.5	10	9.5	
Corinne.....	Maximum 38	32	35	38	36	31	32	30	32	32	33	37	39	39	33	33	31	28	30	29	20	18	24	23	37	37	38	35	32	32	32	32	32
	Minimum 8	0	1	2	-1	7	21	18	10	-5	7	1	6	15	19	12	10	0	-1	1	4	-9	-10	-8	-3	17	19	22	19	17	5.9	5.5	
Deseret.....	Maximum 33	42	38	38	33	33	39	39	38	27	30	44	45	38	30	30	31	36	35	39	37	26	27	32	30	33	37	38	38	35	35	35	
	Minimum 0	1	16	-1	3	4	2	18	12	0	14	27	17	5	27	17	5	0	-5	2	-1	3	7	2	9	1	5	14	25	25	35	35	
Dragon (near).....	Maximum 40	46	49	39	43	44	36	37	39	45	39	40	45	48	49	38	39	38	50	50	47	47	33	42	35	42	52	60	49	49	49	49	
	Minimum 5	9	7	12	7	4	7	4	8	9	6	7	10	20	9	11	1	9	4	13	17	3	4	2	-1	1	16	16	20	20	25	25	25
Duchesne.....	Maximum 30	32	34	34	35	30	25	22	27	29	25	35	38	38	36	29	22	30	33	37	45	32	22	29	29	31	34	31	34	31	34	31	
	Minimum -7	-6	4	5	17	0	-5	8	-4	5	-9	2	3	9	8	-2	-8	-8	2	0	-11	-15	-14	-2	0	12	12	12	12	12	12	12	
Elberta.....	Maximum 36	38	37	43	34	28	33	31	35	30	31	40	41	42	34	33	28	25	28	30	31	27	30	28	32	32	34	31	34	31	34	31	
	Minimum 6	8	9	31	14	10	15	3	22	3	3	19	9	30	9	5	4	4	5	8	-1	-7	2	6	14	11	11	19	20	20	20	20	20
Emery.....	Maximum 40	46	45	46	46	42	41	40	41	43	34	40	37	32	33	40	40	42	41	40	41	31	30	35	45	43	41	42	41	42	41	42	
	Minimum 6	11	7	3	10	9	3	1	0	9	3	5	7	3	3	4	3	8	7	3	-5	-3	4	2	3	4	8	12	12	12	12	12	12
Fillmore.....	Maximum 40	42	43	39	35	36	37	33	33	36	40	45	48	40	29	30	29	32	35	39	41	30	28	34	33	42	40	41	30	35	44	38	
	Minimum 12	14	16	27	7	12	17	11	16	14	8	20	23	27	14	5	4	5	8	9	13	1	2	3	15	15	15	15	15	15	15	15	
Ft. Duchesne.....	Maximum 25	28	26	30	31	25	26	22	26	27	22	26	32	34	35	30	35	34	28	29	27	22	21	27	26	36	36	35	35	35	35		
	Minimum -7	-4	-4	5	-4	-5	-4	-5	-4	-5	-2	-7	-7	-4	-2	-5	-2	-6	-3	4	-7	-6	-5	-11	-11	-5	-8	-1	8	7	24	8	2.2
Fruitland.....	Maximum 36	41	46	44	37	31	26	36	28	30	33	25	40	36	42	34	30	33	36	35	31	25	19	36	45	43	41	42	41	42	41	42	
	Minimum 0	0	2	19	5	9	16	5	10	4	7	7	10	7	26	12	3	7	9	7	-5	-21	-22	-15	-14	7	12	17	17	21	21	21	
Government Creek.....	Maximum 39	37	45	40	30	33	30	36	32	32	34	34	44	39	31	28	25	25	34	34	35	32	22	30	28	31	40	44	41	39	34	7.7	
	Minimum 9	14	15	16	15	16	11	17	18	23	24	13	23	14	27	15	12	5	4	10	11	16	6	4	3	13	13	19	20	20	20	20	20
Grayson.....	Maximum 33	57	36	32	35	35	30	29	24	30	36	28	35	34	33	33	30	32	25	24	26	27	32	30	34	34	34	34	34	34	34		
	Minimum 11	12	9	18	12	6	9	7	17	12	11	12	12	15	22	19	1	6	11	9	12	11	2	2	17	7	8	8	25	25	25	25	25
Green River.....	Maximum 32	33	34	29	36	27	23	26	32	23	29	26	26	22	29	32	31	29	34	40	40	32	20	22	27	31	31	31	31	31	31		
	Minimum -3	-3	-1	10	-2	-5	-4	-4	-10	-3	-7	-2	-7	-3	-11	-27	-4	-3	-2	-2	-8	-11	-12	-4	-1	-5	-7	-7	-7	-7	-7	-7	-7
Irenefer.....	Maximum 29	43	34	37	31	26	36	28	30	31	25	40	36	42	34	30	33	36	35	31	25	21	27	24	27	27	27	27	27	27	27		
	Minimum -7	0	-2	19	5	9	16	5	10	4	7	7	10	7	26	12	3	7	9	7	-5	-21	-22	-15	-14	7	12	17	17	21	21	21	
Jabah.....	Maximum 38	46	36	38	41	32	43	31	37	31	34	41	42	41	31	38	40	36	44	33	28	25	33	40	43	45	47	45	47	45	47		
	Minimum -2	2	2	15	9	14	15	2	21	-6	2	11	6	25	11	10	0	2	0	1	3	-11	-15	-9	-1	16	10	12	20	21	22	6.1	
Kanab.....	Maximum 47	48	51	48	40	43	37	40	45	44	46	43	43	48	31	41	42	45	42	41	33	37	42	35	46	48	40	40	39	45	44	44	
	Minimum 14	15	23	15	18	12	12	14	17	18	17	22	14	14	14	16	16	7	10	15	15	14	14	12	10	18	18	18	18	18	18	18	
Kelton.....	Maximum 29	30	32	35	28	29	30	33	32	30	35	35	36	33	32	30	30	31	27	24	28	26	25	35	35	35	35	35	35	35			
	Minimum -4	8	5	12	0	7	14	20	15	-2	3	7	8	20	19	18	12	3	0	5	-6	-6	-6	-6	11	21	22	22	22	22	22		
La Sal.....	Maximum 36	41	45	36	29	31	27	30	29	30	32	39	35	39	37	34	30	36	36	34	35	35	31	32	31	31	31	31	31	31	31		
	Minimum 9	12	15	27	10	2	7	14	6	10	5	12	11	25	10	5	12	11	7	12	7	6	1	17	8	15	30	30	30	30	30	30	
Leeds (near) §§	Maximum 35	34	32	37	30	32	34	33	35	32	32	37	31	32	32	33	32	32	33	32	32	32	32	32	32	32	32	32	32	32	32		
	Minimum 15	16	17	11	14	17	15	17	18	8	22	16	27	14	21	15	22	22	2	1	4	8	8	9	9	9	9	9	9	9	9	9	
Lemay.....	Maximum 35	34	32	37	30	32	34	33	35	32	32	37	31	32	33	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32		
	Minimum 15	17	17	11	-1	9	-5	4	1	9	4	4	11	19	17	4	-11	-1	3	11	9	6	-3	-7	-11	-5	18	20	22	22	22	22	22
Levan.....	Maximum 38	38	38	38	39	39	37	36	36	35	35	36	37	36	36	35	34	34	35	34	35	34	35	34	35	34	35	34	35	34	35		
	Minimum -3	0	-5	4	-11	-1	9	-5	4	1	9	4	4	11	19	17	4	-11	-1	3	11	9	6	-3	-7	-11	-5	18	20	22	22	22	22
Lark City.....	Maximum 43	44	43	39	28	29	29	30	31	31	34	41	36	29	31	29	31	25	24	32	35	34	30	32	33	34	35	34	35	34	35		
	Minimum 17	16	16	27	3	15	4	12	6	10	20	9	21	15	8	2	4	9	11	12	6	-5	0	7	13	17	22	22	22	22	22	22	
Larrown.....	Maximum 50	57	53	41	35	38	31	32	41	46	48	46	44	48	46	36	32	34	39	44	47	53	41	32	37	33	48	47	38	44	41	42	
	Minimum 19	16	19	30	12	8	18	2	22	15	18	13	16	16	17	-2	5	8	11	12	6	-4	-1	2	20	26	27	27	27	27	27	27	27
Lato.....	Maximum 48	48	48	30	38	39	33	37	36	36	45	44	44	46	48	34	33	23	35	41	47	45	24	27	35	33	40	36	38	37	39	39	
	Minimum 6	7	6	28	2	1	1																										

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

JANUARY, 1915.

CLIMATOLOGICAL DATA: UTAH SECTION.

Daily Precipitation for January, 1915.—Continued from page 5.

Stations.	Day of month.																													Total.		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Santaquin				T.	.48	T.	.03	.10	.06		T.		.02	.06	T.																1.15	
Scipio				.24	.04	T.	.12				T.		.11	.06																	1.54	
Scipio (near)				.16		T.	T.	.03			T.		.22	.14	.11																1.79	
Scofield				(C)																												
Silver City																																
Smyths																																
Snake Creek																																
Snowville																																
Spanish Fork																																
Springdale																																
Standrod																																
Sunnyside																																
Teasdale																																
Thistle																																
Thompsons																																
Tooele																																
Tremonton																																
Tropic																																
Trout Creek Ranger																																
University of Utah																																
Utah Experiment Station																																
Vernal																																
Vernon																																
Victor																																
Wendover																																
Whiskey Creek																																
Winder																																
Woodruff																																
Woodside																																

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation.

||| Precipitation measured in the morning; amount then recorded is for the preceding 24 hours.

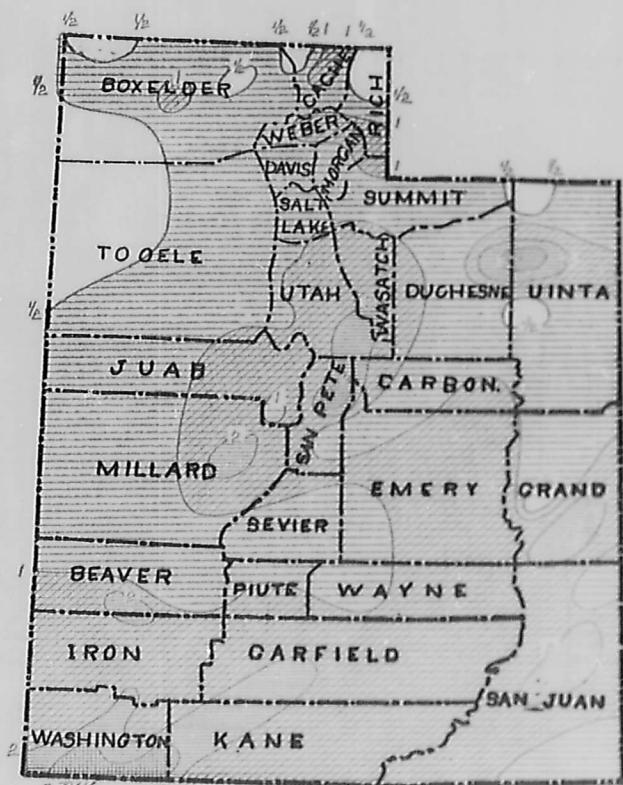
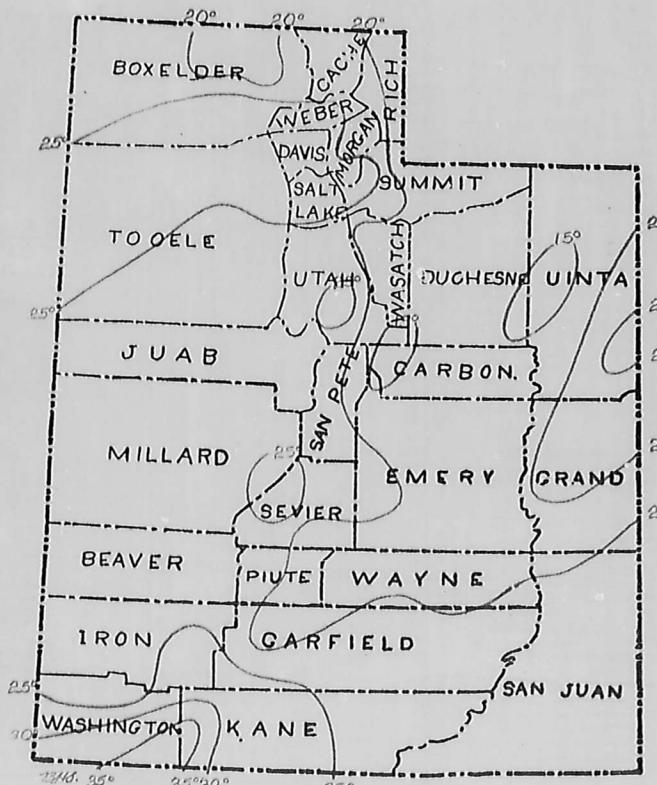
** Regular Weather Bureau stations; precipitation is for the 24 hour period, midnight to midnight.

* Precipitation included in the next following measurement. I Separate dates of falls not recorded. T. Indicates Trace, or less than 0.01 inch of rain or melted snow.

All stations are in the Great Basin except those marked (C) which are in the Colorado River drainage area.

Mean Temperature, January, 1915.

Total Precipitation, inches, January, 1915.



SCALE OF SHADES—IN INCHES.

	Less than 1/2	1/2 to 1	1 to 2	2 to 3	3 to 4	Over 4
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JANUARY, 1915.

SNOW CONDITIONS IN UTAH ENDING JANUARY 31, 1915.

GENERAL SUMMARY.

At the close of January the snow in the mountains of this State averaged much less than normal. Very nearly every correspondent reported amounts below the average, and that the prospective water supply based on observations taken on January 31st was below normal. Indeed, some report that the outlook was discouraging. The forest rangers report that the snow in all the forest reserves of this State was below normal, and moreover that the condition was favorable for early melting, while nearly all other observers reported that the snow was loose and that there were very few drifts.

At Pine View in Summit County, the observer reported that stock was wintering out, whereas they generally feed at this time of the year as there is usually about 4 or 5 feet of snow on the level.

In contrast to the above, 8 correspondents in the Colorado River watershed reported estimates above the average; and at Toquerville, Washington County, the observer wrote that the outlook for a good water supply was splendid.

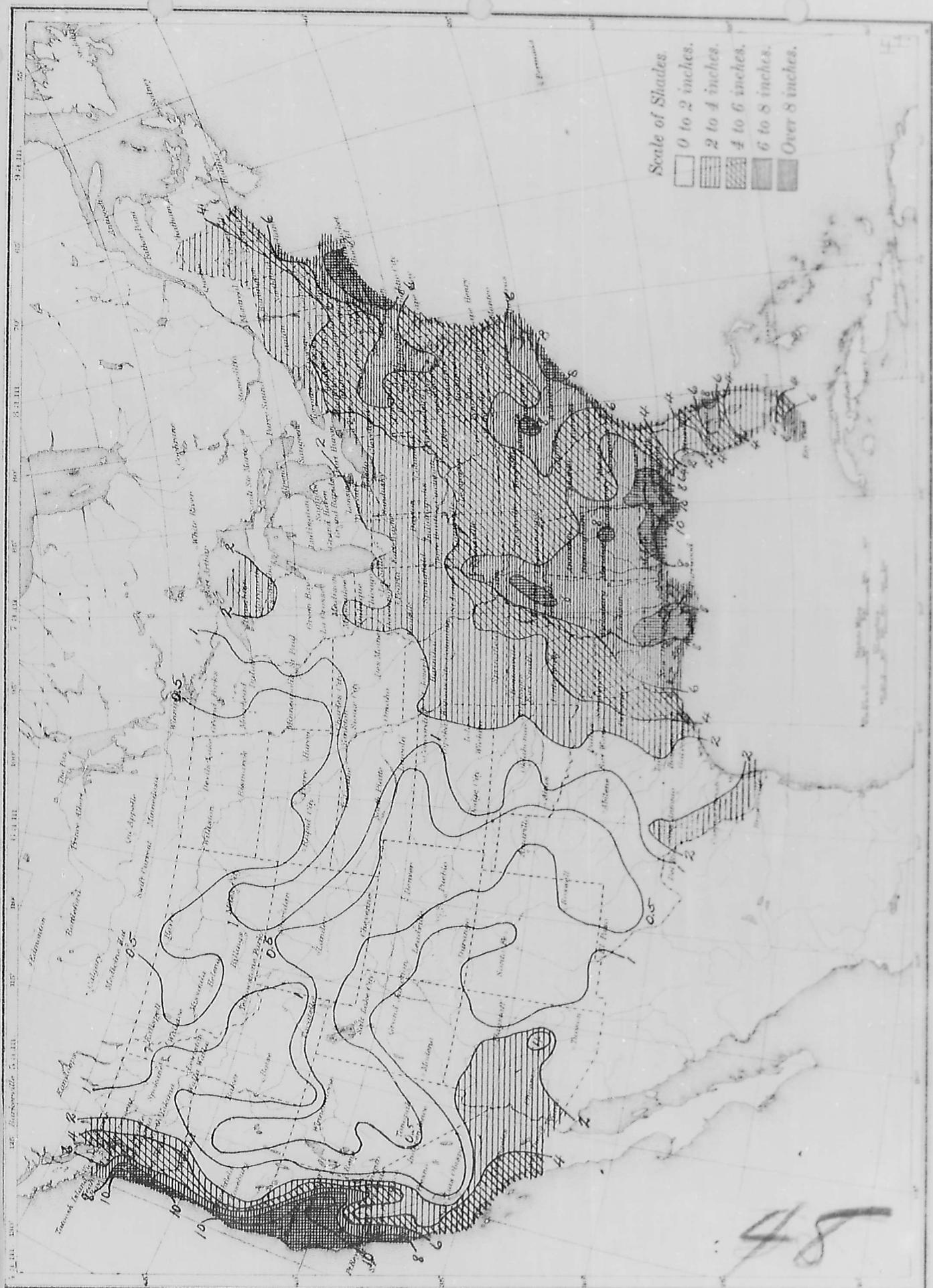
DEPTH OF SNOW IN INCHES ON FOREST RESERVES.

Forest.	Drainage Basin.	Sub-Basin.	Number of Stake	Depth at Stake
Ashley	Green	Beaver	4	2
do	do	do	5	6
do	do	Brush	6	5
do	do	do	7	7
do	do	do	8	10
do	do	Ashley	9	12
do	do	Dry Fork	10	11
do	do	do	11	10
do	Duchesne	Dry Gulch	12	16
do	do	Yellowstone Creek	16	10
do	do	East Fork, Lake Fork	17	9
Cache	Bear Lake	Left Hand Fork Garden City Canyon	18	10
Filmore	Logan	Spring Hollow	22	
do	Sevier	Oak Creek	22	
do	do	Deer and Corn	19	
La Sal	do	Clear	11	
do	do	Beaver	18	
do	do	Placer	21	
do	do	La Sal	14	
do	do	Upper La Sal	33	
do	do	Montezuma	20	
do	do	R. S. Pole Creek	27	
do	do	South Fork Montezuma	30	
do	do	Bulldog Creek	34	
Sevier	Sevier	Recapture Creek	40	
do	do	Center Creek	18	
do	do	Tyler	20	
do	do	East Fork	26	
do	do	Panguitch	24	
do	do	Sandford	12	
Uinta	Bear	Bear	35	
do	Provo	Daniels	42	
do	Duchesne	Indian	17	
do	do	Strawberry	26	
do	do	Salt Creek	15	
Wasatch	Green	Middle Black Fork	22	
do	Weber	Beaver	16	
do	Bear	Mill Creek	15	
do	American Fork	South Fork	15	
do	Duchesne	Mouth of North Fork	15	

Stations.	Counties.	At station (inches.)			Estimated depth in adjacent mountains or hills.	Prospective water supply compared with average	
		On ground at end of month.	Total snowfall for the month.	Total precipitation for the month.			
<i>Great Salt Lake Watershed.</i>							
Brigham City	Boxelder	3.0	0.69	30	-	-	
Corinne	do	6.0	16.8	9.90	10	-	
Grouse Creek	do	6.0	16.8	9.90	8	-	
Rosette	do	4.5	0.75	8	-	-	
Snowville	do	3.4	8.2	0.49	9	-	
Standrod	do	do	0.59	24	-	-	
Tremonton	Clarkston	do	0.25	12	-	-	
Logan	Cache	do	0.61	24	-	-	
Milville	do	10.6	1.06	60	-	-	
Richmond	do	6.5	6.5	1.03	48	-	
Farmington	Davis	11.4	1.31	26	-	-	
Morgan	Morgan	2.0	0.62	18	-	-	
Meadowville	Rich	3.0	7.0	0.45	18	-	
Woodruff	do	do	0.46	12	-	-	
Miyvale	Salt Lake	T	2.4	0.44	10	-	
Revier	do	do	0.78	24	-	-	
Upper Mill Creek	do	do	0.56	18	-	-	
Castlerock	Summit	11.0	1.02	24	-	-	
Henefer	do	3.0	8.0	0.95	18	-	
Park City	do	14.0	20.0	0.92	14	-	
Pine View	Tooele	do	0.58	18	-	-	
Center	Government Creek	do	0.56	18	-	-	
Ibapah	do	4.8	0.32	12	-	-	
Low	do	1.6	0.16	42	-	*	
American Fork	Utah	do	0.46	24	-	-	
Cedar Fort	do	2.0	4.0	0.72	12	-	
Elberta	Lehi	do	do	30	-	-	
Hayden	Mapleton	2.0	11.6	1.94	13	-	
Lehi	Mosida	do	do	18	-	-	
Payson	Payson	do	9.0	1.12	0	-	
Spanish Fork	do	8.6	1.15	39	-	-	
Thistle	do	12.2	1.49	6	-	-	
Heber	Wasatch	7.7	24.0	2.20	13	*	
Snake Creek	do	10.0	17.0	1.25	36	*	
Ogden	do	17.5	20.8	1.67	36	*	
Riverdale	Weber	6.5	1.02	12	-	-	
<i>Sevier Lake Watershed.</i>							
Beaver	Beaver	do	8.0	0.65	42	-	
Minersville	do	2.0	16.5	2.64	11	+	
Nada	do	0.2	7.9	0.97	16	+	
Reed	Panguitch	9.0	14.6	1.59	35	-	
Modena	do	3.0	12.7	1.12	6	+	
Levan	Juab	do	1.14	30	-	-	
Mills	Black Rock	do	0.56	12	*	-	
Deseret	do	6.0	0.98	12	*	-	
Fillmore	Millard	3.0	14.0	1.40	21	+	
Kanosh	do	6.7	1.43	24	+	+	
Oak City	do	15.8	1.68	24	*	-	
Scipio	do	16.3	1.51	48	-	-	
Plate	Plute Dam	1.0	10.0	0.57	24	+	
Manti	Sanpete	do	10.4	0.79	24	+	
Moroni	do	11.1	12.1	1.06	30	+	
Richfield	Utah Experiment Station	41.5	61.5	3.43	12	-	
<i>Green and Colorado Rivers Watershed.</i>							
Carbon	Price	6.0	5.5	0.95	*	-	
do	do	do	15.0	1.54	12	-	
do	Summerville	do	3.0	5.5	0.60	18	-
Duchesne	do	do	do	24	-	-	
Fruitland	do	7.0	0.78	12	-	-	
Mountain Home	Emery	4.0	7.0	0.70	24	-	
Tromp	Garfield	do	2.86	48	+	-	
Onderville	Kane	do	18.5	2.45	36	*	
Ranch	do	do	0.74	6	-	-	
Grayson	San Juan	do	0.35	18	-	-	
Monticello	do	do	do	48	+	-	
Dragon	Uinta	do	0.74	6	-	-	
El Duchesne	do	3.0	T	T	6	-	
Manila	do	do	do	6	-	-	
Vernal	do	do	do	8	-	-	
Whiterocks	do	do	do	8	-	-	
Teasdale	Wayne	6.0	12.0	0.98	10	-	
Enterprise	Washington	5.0	12.7	1.53	42	+	
New Harmony	do	20.0	20.0	3.36	54	+	
Pinto	do	8.0	1.28	8	+	-	
St. George	do	do	do	9	+	-	
Springdale	Toquerville	3.0	3.55	42	+	-	

+ indicates more; - indicates less, and * indicates average.

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U. S. DEPARTMENT OF AGRICULTURE
WEATHER BUREAU
CHARLES F. MARVIN, CHIEF

CLIMATOLOGICAL DATA

UTAH SECTION

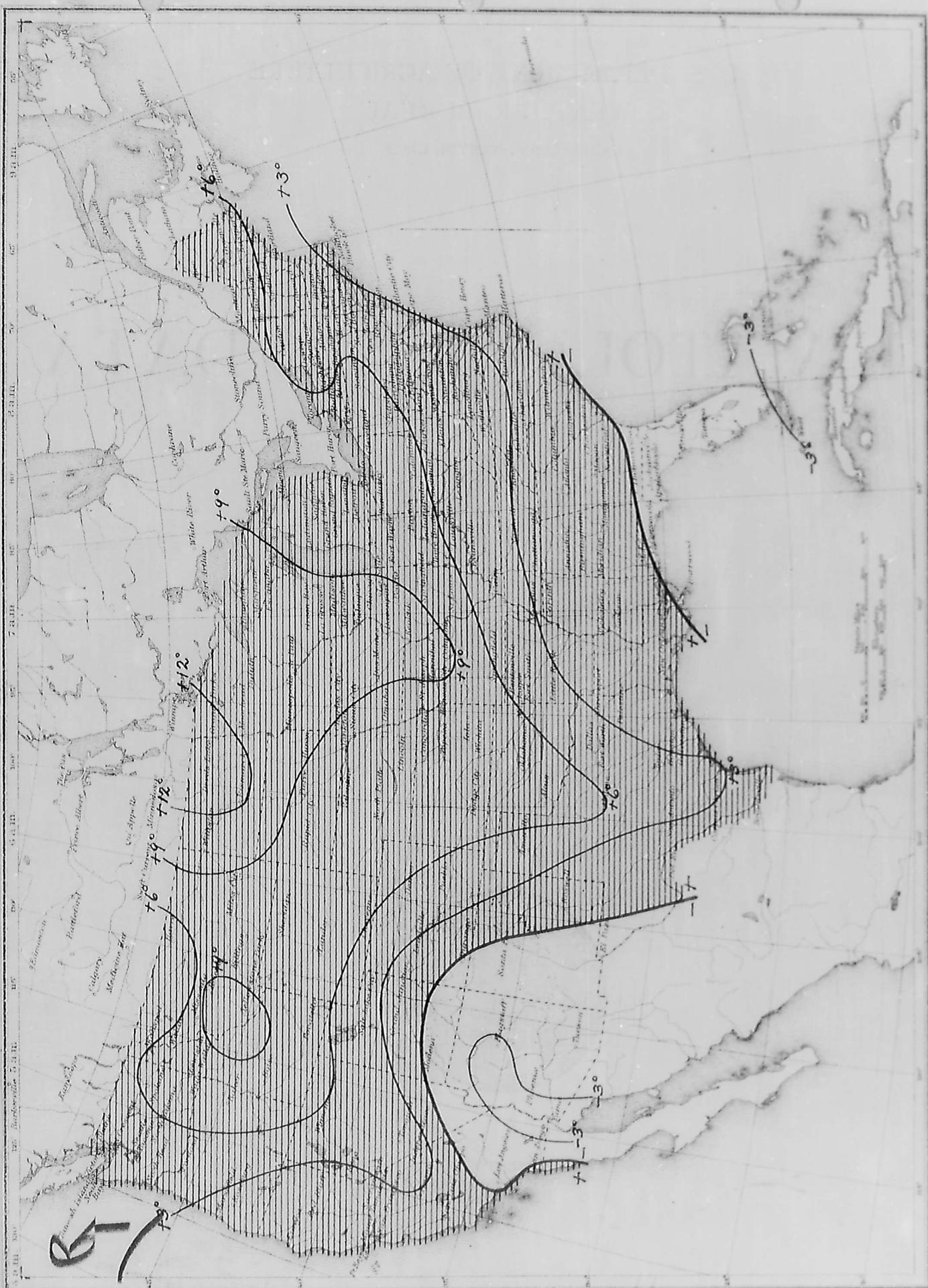
FEBRUARY, 1915

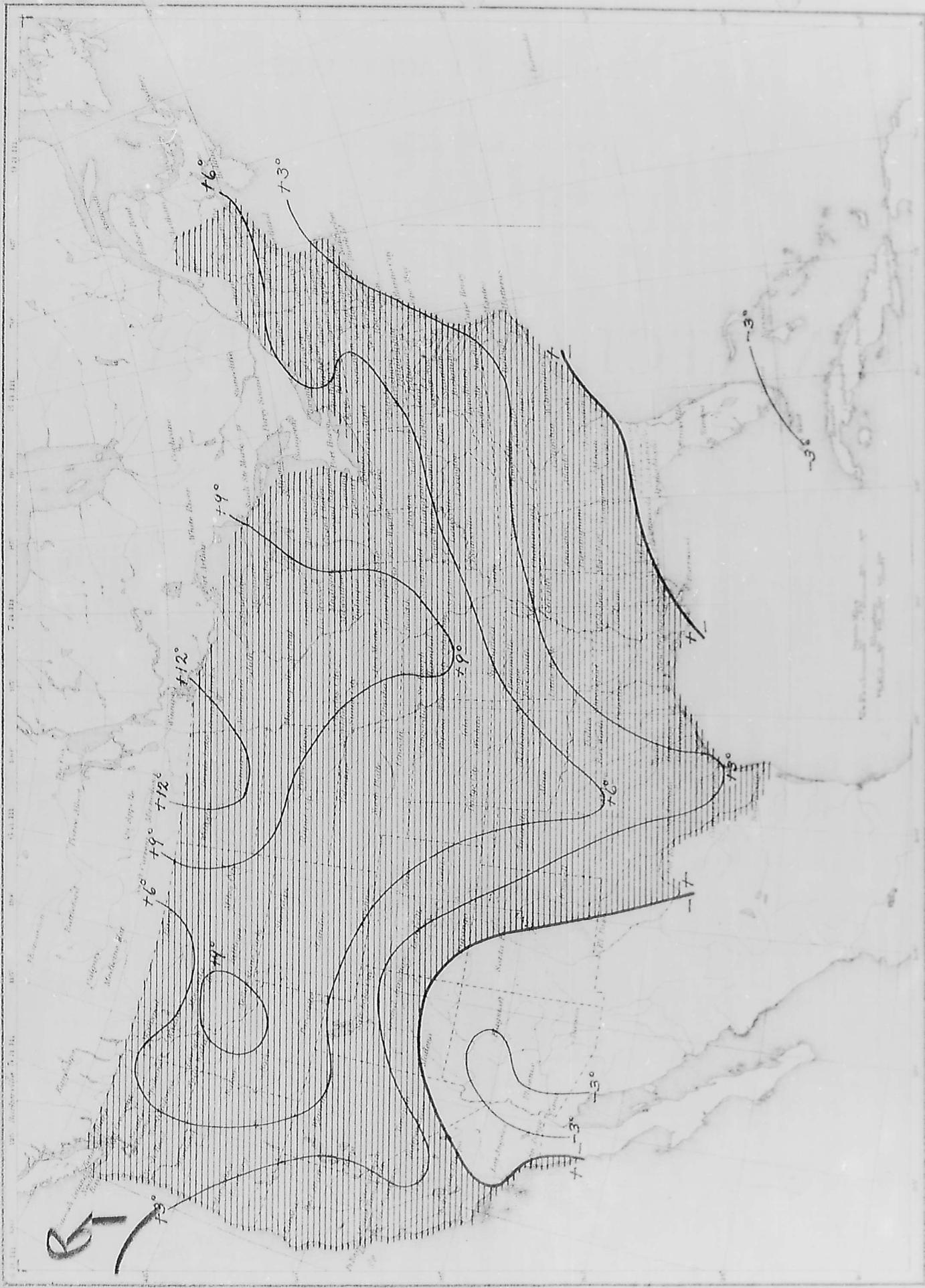
BY
ALFRED H. THIESSEN
SECTION DIRECTOR



SALT LAKE CITY, UTAH
WEATHER BUREAU OFFICE
MARCH 17, 1915.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

UTAH SECTION.

ALFRED H. THIESSEN, Section Director.

VOL. XVII. SALT LAKE CITY, UTAH, FEBRUARY, 1915. No. 2.

GENERAL SUMMARY.

February was a very warm and wet month, the temperature averaging above normal and 2.1° above that of February, 1914, and the precipitation exceeding that for any previous February since 1909, and that for February of last year by more than 1 inch. Stock wintered well throughout the State, except near Tropic.

West of the Wasatch Mountains the local monthly means averaged above normal at all stations having a record of 10 years or more; but on the east side of these mountains many stations reported temperatures below normal, notably Castle Dale, Green River and Teasdale, where the deficiencies were very marked. There was a period of cold weather from the 4th to the 8th, when the lowest for the month was generally recorded; there was another cold period of less intensity from the 13th to 15th. The highest temperatures occurred, as a rule, on the 9th, 10th, and from the 17th to the 20th.

Precipitation was heavy in all parts of the State, and of those stations having normals only 5 reported deficient amounts. The heavy snows and rains in the valleys were attended at the same time by heavy snows in the mountains which did much to improve the prospects for irrigation water. At many places the monthly amounts exceeded all previous records for February, notably Deseret, Elberta and New Harmony. On the 6th and 7th no precipitation was reported at any station, but on other days precipitation occurred in some portion of the State. The wettest periods were 1st-4th, 10th-12th and 16th-27th.

PRESSURE.

The monthly mean atmospheric pressure for the State, reduced to sea level, was 29.98 inches, obtained from data at Salt Lake City and Modena.

The highest was 30.56 inches at Salt Lake City on the 6th. The lowest was 29.39 inches at Salt Lake City on the 2d.

TEMPERATURE.

The monthly mean temperature for the State was 32.1° which is 1.4° above normal. The highest previous State mean was 40.4° , and the lowest was 16.6° .

The highest local monthly mean was 45.4° at Springdale; the next highest being 43.8° at St. George.

The lowest local monthly mean was 18.7° at Castle Dale.

The highest temperature was 68° at St. George on the 9th.

The lowest was -20° at Scofield on the 6th and 15th.

The State monthly range in temperature was 88° .

The greatest daily local range was 59° at Scofield on the 15th.

HUMIDITY.

At Salt Lake City the mean relative humidity at 6 a. m. was 68 per cent, at 6 p. m. 62 per cent, and the monthly average 65 per cent. At Modena at 6 a. m. it was 83 per cent, at 6 p. m. 62 per cent, and the monthly average 73 per cent.

PRECIPITATION.

The average precipitation for the State was 2.04 inches, or 0.83 inch above the normal. The greatest previous average for this month was 2.35 inches in 1897; and the least was 0.46 inch in 1896.

The greatest monthly amount was 5.92 inches at New Harmony.

The least monthly amount was 0.36 inch at Hanksville.

The greatest amount in 24 hours was 2.14 inches at Elberta on the 11th.

The average snowfall, unmelted, was 12.6 inches.

The average number of rainy days, 0.01 inch or more, was 8.

WIND.

The prevailing direction of the wind for the State was from the south. The average velocity at Salt Lake City was 6.2 miles per hour; the highest 36 miles per hour from the southeast on the 2d; and the prevailing direction from the southeast. At Modena the average velocity was 8.7 miles per hour; the highest 72 miles per hour from the southwest on the 2d; and the prevailing direction from the west.

SUNSHINE AND CLOUDINESS.

The monthly percentage of possible sunshine was 55 at Salt Lake City, and 50 at Modena.

For the State the average number of clear days was 9, partly cloudy, 7; and cloudy, 12.

COMPARATIVE DATA FOR FEBRUARY.

Year.	Temperature.			Average precipitation. Rainy (0.01 inch or more).	Number of days			Prevailing wind.
	Mean.	Highest.	Lowest.		Rainy, Clear, Partly Cloudy, Cloudy,	Rainy, Clear, Partly Cloudy, Cloudy,		
1891								
1892	32.4	73	-34	0.77	4	10	8	nw.
1893	26.6	70	-32	1.35	7	10	8	nw.
1894	20.9	68	-34	1.11	...	16	6	sw.
1895	25.5	74	-33	1.25	4	16	6	sw.
1896	31.0	74	-16	0.46	2	17	6	n.
1897	27.0	63	-21	2.35	9	8	9	sw.
1898	29.1	79	-21	0.47	2	15	8	sw.
1899	28.8	77	-50	1.73	12	8	8	sw.
1900	32.2	73	-24	0.57	4	12	9	sw.
1901	31.0	75	-26	1.90	9	8	7	sw.
1902	34.1	74	-20	0.87	4	10	9	s.
1903	16.6	67	-39	0.75	4	17	5	n.
1904	34.2	89	-26	1.53	6	10	9	s.
1905	30.5	73	-35	1.67	7	11	7	n.
1906	33.7	84	-15	0.88	5	9	7	sw.
1907	40.4	86	-3	1.95	8	14	5	sw.
1908	31.2	80	-34	1.16	5	12	8	d.
1909	29.5	67	-32	2.15	7	9	8	s.
1910	27.8	73	-27	1.12	6	9	9	n.
1911	23.7	69	-30	1.42	7	10	8	n.
1912	33.3	84	-22	0.72	4	11	10	s.
1913	27.6	67	-31	1.36	6	11	8	s.
1914	29.6	70	-22	0.92	5	12	8	s.
1915	32.1	68	-20	2.04	8	9	7	sw.

GREAT SALT LAKE WATER LEVEL RECORDS AT SALT AIR.

(Feet and tenths.)

Zero of gage is 4,212.0 feet above sea level.

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Year
1915.	{ 1st +5.6 +5.7 ...												
	{ 15th +5.6 +5.8 ...												

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FEBRUARY, 1915.

Climatological Data for February, 1915.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.				Precipitation, inches.				Number of days	Observers.					
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeasured.	With precipitation of one inch or more.	Partly cloudy.	Cloudy.	Precipitating direction of wind.
Beaver.....	Beaver.....	6,000	10	30.4	-0.6	58	9	-2	14	41	1.32 +0.11	9.44	17.0	7	10	7	11	s.
Black Rock.....	Millard.....	4,872	11	35.5 + 4.4	55	9	12	6	67	33	2.58 +1.57	1.60	8.0	5	3	7	18
Bluff.....	San Juan.....	4,200	2	34.3.....	49	10	17	6	28	32	0.80.....	0.37	4	H. H. Redd.
Brigham City.....	Boxelder.....	4,305	2	35.8.....	54	18	9	6	32	2.49.....	0.84	8.5	10	N. Merrill Valentine.
Burryville.....	Sevier.....	6,800	3	21.0.....	40	7	0	18	39	2.09.....	0.75	.....	7	.....	.....	.....	F. R. Curtis.
Castle Dale.....	Emery.....	5,500	15	18.7	-8.4	42	12	-10	5	32	1.25 +0.27	0.35	5.9	9	6	12	sw.	
Cedar City.....	Iron.....	5,750	10	34.9 + 0.2	53	18	13	5	32	2.71.....	0.60	1.8	8	9	4	15	s.	
Center.....	Tooele.....	4,250	31	0.0.....	47	27	-4	4	34	2.71.....	0.60	.....	3.8	5	18	10	s.
Corinne.....	Boxelder.....	4,240	44	33.8 + 3.8	49	187	5	8	37	2.01 +0.78	0.60	8.0	8	7	3	18	.....
Desert.....	Millard.....	4,541	19	35.8 + 4.6	58	9	11	14	32	3.39 +2.59	2.00	8.0	8	7	10	s.	A. C. Murphy.	
Dragon (near).....	Uinta.....	6,210	4	33.6.....	59	14	2	6	47	0.42.....	0.15	.....	6	14	8	6	W.
Duchesne.....	Duchesne.....	5,500	7	26.3.....	43	124	-7	6	67	0.64.....	0.30	4.0	8	7	9	12	M. M. Smith.	
East Portal.....	Wasatch.....	7,650	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Reclamation Service.	
Elberta.....	Utah.....	4,650	12	34.1 + 1.9	55	9	8	15	29	3.93 +2.95	2.14	9.0	13	10	8	10	n.	
Emery.....	Emery.....	6,200	13	22.2 - 8.3	46	13	-1	6	36	1.40 +0.67	0.30	14.0	8	4	0	23 ^e	H. C. Wickman.	
Farmington.....	Davis.....	4,268	13	36.5 + 3.5	50	21	10	6	26	2.71 +0.29	1.38	8.5	8	13	7	8	sw.	
Filmore.....	Millard.....	5,100	22	36.4 + 2.4	56	87	9	15	41	2.70 +1.21	1.10	18.5	12	11	1	16	s.	
Ft. Duchesne.....	Uinta.....	4,941	26	23.0 + 3.8	44	28	-14	8	45	0.49 +0.01	0.26	.....	6	14	8	6	J. J. Starkey.
Fruitland.....	Garland.....	6,725	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. E. L. Carey.	
Garrison.....	Boxelder.....	4,248	2	+38.2.....	62 ^m	16	24 ^m	16	38	3.51.....	0.58	3.0	5m	5m	5m	5m	E. M. Roberts.	
Government Creek.....	Millard.....	4,850	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Walter Jameson.	
Grayson.....	Tooele.....	5,277	13	33.6 + 2.9	49	27	4	5	33	2.55 +1.15	0.75	17.9	6	6	2	20	E. F. Thompson.	
Green River.....	Emery.....	4,080	14	26.6 - 8.3	47	26	-10	6	38	1.16 +0.61	0.37	.....	7	10	11	7	E. E. Adams.
Hancksville.....	Wayne.....	4,200	3	29.8.....	48	21	-3	6	32	0.36.....	0.29	5.1	8	8	15	3	F. J. Walker.	
Heber.....	Wasatch.....	5,503	21	23.6 + 1.6	46	15	0	4	29	0	10 ^e	0	10 ^e	3	6	5	John Crook.	
Henefer.....	Summit.....	5,301	14	28.6 + 2.4	49	18	-13	5	51	1.65 -0.66	0.45	2.0	12	7	3	18	Wm. Brewer.	
Hopah.....	Tooele.....	7,500	9	35.5.....	56	9	3	5	45	0.75.....	0.28	2.3	8	8	15	5	W. M. Chastain.	
Iosepa.....	Boxelder.....	4,356	3	33.0.....	54	9	4	5	21	1.40.....	0.51	6.6	6	5	8	15	James K. Haleman.	
Kanab.....	Kane.....	4,925	6	34.4.....	55	10	12	5	32	2.27.....	1.00	3.0	8	8	10	4	D. D. Rust.	
Kelton.....	Boxelder.....	4,230	34	32.2 + 2.8	47	19	8	14	32	1.18 +0.52	0.40	3.5	8	2	15	11	F. W. Klock.	
La Sal.....	San Juan.....	7,000	11	28.6 + 0.1	46	15	0	4	29	0	10 ^e	0	10 ^e	3	6	5	Mrs Gertrude W. Carpenter.	
Leeds (Echo Farm).....	Washington.....	3,400	2	+41.4.....	60	9	21 ^h	4	29	2.81.....	1.10	8	10	2	16	B. F. Anderson.		
Lehi.....	Boxelder.....	4,550	1	33.8.....	50	187	7	5	27	3.57.....	1.05	6.5	8	8	8	12	Joseph Anderson.	
Lemay.....	Boxelder.....	4,221	3	38.8.....	54	11	24	15	23	0.97.....	0.50	5	4	12	12	Clarence Gardner.		
Levan.....	Juab.....	5,010	24	31.0 + 2.6	51	9	4	5	33	2.74 +0.80	0.69	10.0	8	8	7	11 ^b	Experiment Station.	
Loren.....	Tooele.....	4,507	23	35.1 + 8.6	54	23	12	5	25	1.32 -0.07	0.32	2.1	5	8	10	10	Art. Western Pacific Co.	
Lower American Fork.....	Utah.....	5,063	3	36.5.....	55	8	17	4	27	0.59.....	0.30	4.1	4	7	5	16	Utah Light & Power Co.	
Lower Mill Creek.....	Salt Lake.....	1	37.6.....	56	7	12	5	34	3.38.....	1.25	17.2	12	10	5	13	s.		
Lucin.....	Boxelder.....	4,504	7	33.6.....	51	17	10	6	30	0.71.....	0.30	1.0	6	5	14	9	D. Folker.	
Maina.....	Uinta.....	6,225	4	25.4.....	48	10 ^t	-18	4	45	0.46.....	0.25	3.0	2	9	15	4	E. C. Puryear.	
Manti.....	Sanpete.....	5,575	19	28.1 - 0.2	50	2	-3	5	39	1.59 +0.26	0.41	9.5	8	6	1	21	D. M. Nelson.	
Marysvale.....	Plute.....	6,180	13	31.8 + 1.0	51	8	5	6	38	0.56 -0.41	0.26	4.5	3	9	8	11	A. Soysa.	
Meadowville.....	Rich.....	6,200	13	25.4 + 3.6	44	2	2	6	32	0.58 -1.44	0.29	9.0	4	15	2	11	J. S. Modat.	
Midlake.....	Boxelder.....	4,235	3	35.6.....	45	10 ^t	27	1	14	1.35.....	0.50	6	4	11	13	Stella M. Gibson.		
Midvale.....	Salt Lake.....	4,365	2	36.4.....	54	9	8	5	31	2.55.....	0.86	7.3	9	11	2	15	E. D. Camomile.	
Milford.....	Beaver.....	4,962	6	+37.5.....	55 ^a	9	22 ^e	6	27 ^d	1.01.....	0.42	10.1	3	5	5 ^e	5 ^e	Delta Land & Water Co.	
Moab.....	Grand.....	4,000	24	35.2 - 1.2	61	11	14	5	35	1.02 +0.35	0.38	5.5	6	8	9	11	Henry Crouse.	
Modena.....	Iron.....	5,479	13	31.8 + 0.2	48	23	2	14	36	2.56 +1.36	1.66	11.6	11	9	7	12	U. S. Weather Bureau.	
Monticello.....	San Juan.....	7,050	6	26.9.....	44	1	5	6	34	2.45.....	0.90	22.0	4	16	9	3	E. H. Barton.	
Morgan.....	Morgan.....	5,068	10	30.5 + 4.1	49	10 ^t	-5	5	43	2.14 -0.28	0.98	9.0	6	8	10	11	E. O. Kingston.	
Moroni.....	Sanpete.....	6,000	6	30.4.....	48	19	2	5	32	2.62.....	0.61	20.4	14	8	3	17	B. F. Ellison.	
Mosida.....	Utah.....	4,510	2	31.9.....	52	9	8	6	34	0.86.....	0.42	10.5	4	5	12	8	Mosida Fruit Lands Co.	
Mountain Home.....	Duchesne.....	6,000	1	.....	52	23 ^t	.....	.....	.....	.....	.....	.....	.....	.....	.....	Oscar Wilkins.	
Nephil (near).....	Juab.....	5,119	9	.....	53	9	13	14	32	2.74.....	1.00	18.8	7	6	4	18	A. D. Ellison.
Oak City.....	Millard.....	4,900	7	35.6.....	51	8	5	5	27	2.61 -1.03	0.69	14.0	12	12	8	Ralph Shorten.		
Orden.....	Weber.....	4,310	43	36.8 + 3.7	57	41	11	-6	20	4.22 +0.71	0.39	7.4	3	8	13	H. L. Stremler.		
Panguitch.....	Garfield.....	6,560	2	19.2.....	41	11	4	5	30	3.59 +0.82	0.85	44.1	12	9	3	16	Rev. Hoyt Beauregards.	
Park City.....	Summit.....	7,000	14	27.0 + 1.1	43	8 ^t	0	5	30	1.35 +0.18	0.52	10.0	10	8	9	Alex Matheson.		
Parowan.....	Iron.....	5,970	23	34.5 + 2.9	53	10	12	6	35	1.18 -0.21	0.25	10.0	10	8	9	Graville Dennis.		
Pine View.....	Tooele.....	6,335	2	26.3 + 0.4	52	9	8	5	48	1.03.....	0.30	20.5	7	8	11	J. H. Harrison.		
Pinto.....	Washington.....	5,907	16	30.4 + 0.2	52	8	4	6	41	1.96 +0.53	0.86	9.1	11	5	12	Roy Barker.		
Price.....	Carbon.....	6,557	3	31.2.....	46	20	-12	5	37	2.00.....	0.80	22.0	6	13 ^t	3 ^t	11 ^t	Reclamation Service.	
Provo.....	Wasatch.....	4,532	20	34.3 + 2.7	55	9	-6	5	47	4.13 +2.63	1.70	23.0	6	13	5	10	J. W. Seaman.	
Rainier.....	Kane.....	6,700	12	35.4 + 4.9	60	2	10	6	37	1.02 +0.18	0.70	16.0	2	15	6	7	Simon Christensen.	
Riverton.....	Seyvier.....	5,350	20	35.4 + 4.9	49	18	5	7	40	2.38 +1.47	0.60	6.5	6	15	6	13	Eugene Bone.	
Riverville.....	Weber.....	4,310	1	34.8.....	49	18 ^t	9	5	25	2.19.....	0.70	15.1	11	3	12	Earl Markwith.		
Sahara.....	Iron.....	5,209	2	33.2.....	52	8	8	14 ^t	35	2.23.....	1.48	7.5	8	18	4	6	Ray Smith.	
St. George.....	Washington.....	2,880	27	43.8 + 1.9	68	9	24	14	34	1.13 +0.18	0.31	9.1	9	13	0	15	E. J. Bench.	
Saltair.....	Salt Lake.....	4,220	11	35.6 + 2.7	50	2	18	5	36	1.59 +0.44	0.56	8.0	10	5	12	U. S. Weather Bureau.		
Santaquin.....	Salt Lake.....	4,360	40	31.8 + 1.5	56	9	17	5	24	2.00 +0.62	0.40	7.5	11	5	8	Wm. Broadbent.		
Scipio.....	Utah.....	5,250	2	34.8.....	54	9	11	5	32	3.70.....	1.43	16.0	7	10	6	12	Thos. Memmott.	
Sciofield.....	Millard.....	5,260	19	31.7 + 0.3	53</													

Daily Precipitation for February, 1915.

Stations.	Day of month.																														Total						
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31						
Alpine.....	.50	.30	.....	.....	.....	.....	.....	.....	1.00	.....	.70	.....	.....	.26	.....	.....	.....	.....	1.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.00
Baker Ranger Station, (C).....	.05	.....	.....	.....	.....	.....	.....	.....	1.00	.50	.....	.....	.....	.26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.73
Beaver.....	T.	.33	.17	.....	.....	.06	.....	.....	.....	.....	.44	.12	.....	.....	.05	.....	.....	.....	.....	.....	.....	.....	1.22						
Beaver Creek Nursery.....	1.60	.50	.....	.....	.07	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.29						
Balknap Ranger Station.....	T.	.....	.....	.....	.....	.....	.....	.....	.....	.37	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.08	
Black Rock.....	1.60	.50	.....	.....	.26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.08						
Bluff.....	(C)	.....	.....	.....	.....	.....	.....	.....	.....	.84	.....	.....	.60	.29	.03	.....	.....	.03	.30	.....	.....	.04	.....	.08	.....	.....	.....	.....	.....	0.80	
Brigham City.....	10	.13	.....	.49	.42	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.49						
Burville.....	10	.13	.....	.10	.30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.09						
Carrao.....	(C)	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	.10	.....	.10	.30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.09	
Castle Dale.....	(C)	.....	.....	.....	.....	.....	.....	.....	.....	16	.05	.....	.65	.23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.15	
Castle Rock.....	05	.36	.....	.65	.23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.65						
Cedar City.....	25	.06	.....	T.	.35	.22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.25						
Cedar Fort.....	T.	.16	.....	.60	.40	.20	.....	T.	T.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.71						
Center.....	45	.60	.....	1.05	.60	.27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.55							
Clarkston.....	42	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.03						
Corinne.....	3.39						
Cottonwood Nursery.....	0.42						
Deseret.....	06	.....	.....	2.00	.62	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.42							
Dragon (near).....	(C)	.....	.....	.....	.....	.....	.....	.....	.....	04	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.42	
Duchesne.....	(C)	.....	.....	.....	.....	.....	.....	.....	.....	09	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.64	
East Portal.....	03	.04	.....	1.03	1.14	1.30	.....	.....	03	.01	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.93							
Elkhorn.....	(C)	.....	.....	.....	.....	.....	.....	.....	.....	03	.04	.....	21	2.14	1.30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.15	
Emery.....	(C)	.....	.....	.....	.....	.....	.....	.....	.....	10	.20	.....	.20	.....	1.49	1.02	0.05	10	T.	T.	T.	.....	.....	.....	.....	.....	.....	.....	1.40		
Enterprise.....	1.00	.19	.....	1.49	1.02	0.05	17	.....	.....	10	T.	30	T.	10	T.	T.	.....	.....	4.62								
Eriksen.....	1.38	.06	.....	.54	.15	.....	T.	03	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.71						
Farmington.....	06	.0162	1.10	1.14	1.10	1.14	1.10	1.14	1.10	1.14	1.10	1.14	1.10	1.14	1.10	1.14	1.10	1.14	1.10	2.70				
Filmore.....	T.	.11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.49						
Ft. Duchesne.....	(C)	24	04	1.00	0.17	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15		
Fruitland.....	(C)	24	04	1.20	0.25	0.20	0.25	0.20	0.25	0.20	0.25	0.20	0.25	0.20	0.25	0.20	0.25	0.20	0.25	0.20	0.25	0.20	0.25	0.20	0.25	0.20	0.25
Gardiner.....	09	04	1.00	0.17	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15
Garrison.....	47	05	1.00	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15
Government Creek.....	27	05	1.00	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15
Grantsville.....	21	04	1.00	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15
Grayson.....	(C)	21	04	1.00	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15
Green River.....	(C)	07	02	1.00	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15
Grouse Creek.....	07	02	1.00	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15
Hanksville.....	(C)	01	01	1.00	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15
Heber.....	10	10	03	2.00	.80	T.	05	3.45					
Heenefer.....	02	30	15	1.00	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15
Howell.....	16	12	1.00	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15
Hurricane.....	(C)	T.	01	1.00	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15
Iabaph.....																																		

Daily Temperatures for February, 1915.

Stations.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Black Rock.....	46	50	51	39	39	45	54	53	55	50	41	40	41	40	42	43	53	54	48	44	39	45	51	47	49	44	45	51	46.4			
	Minimum 22	30	28	23	15	12	22	23	24	33	31	30	15	12	13	26	36	26	26	27	25	30	32	30	31	29	32	35	27	25	22	
Burrville.....	35	38	33	29	20	35	40	40	35	39	34	30	35	35	35	38	28	18	19	20	28	31	30	31	30	31	32	35	37	31.3		
Castle Dale.....	35	20	15	5	10	15	1	10	6	15	5	10	7	5	6	9	15	19	8	2	9	19	15	20	8	10.9	10.7	10.7				
Corinne.....	36	40	37	28	26	25	29	33	38	42	32	26	31	37	35	35	34	29	31	32	36	35	35	39	32	35	37	35	37			
Corinne.....	40	47	36	38	36	40	42	40	47	40	42	42	42	40	43	49	45	48	47	49	42	45	47	47	47	49	44	45	46	45		
Deseret.....	45	54	43	38	39	43	52	50	58	53	39	46	39	41	40	43	51	50	48	42	51	45	46	51	40	40	47	45	46	46.3		
Dragon (near).....	55	51	56	44	43	36	45	44	51	55	55	59	50	56	47	49	50	45	55	56	49	49	53	54	53	51	52	52	52	52		
Duchesne.....	37	34	35	31	28	27	29	29	33	42	42	43	40	37	36	32	39	33	21	23	18	23	20	16	18	16	18	16	15.9			
Elberta.....	15	16	13	23	21	2	7	5	7	4	14	14	3	6	10	9	0	13	12	5	10	6	6	10	6	3	3	3	3	3		
Emery.....	40	47	36	38	36	40	42	40	47	40	42	42	42	40	43	49	45	48	47	49	42	45	47	47	47	49	44	45	46	45.7		
Fillmore.....	50	59	39	37	38	45	54	56	56	46	46	40	43	43	50	55	55	56	56	56	51	40	45	51	47	51	38	51	52	47.6		
Ft. Duchesne.....	34	32	35	35	34	22	22	21	26	36	41	43	40	35	30	30	42	39	39	39	41	37	38	40	43	44	35.1	35	35			
Fruitland.....	0	8	15	5	-11	-13	-13	-14	-13	9	15	16	12	8	5	9	20	12	18	25	22	26	24	26	21	34	26	22	10.8			
Government Creek.....	42	40	39	31	37	41	45	48	48	42	47	44	45	45	48	46	45	38	39	45	39	43	42	44	42	42	42	42	42			
Grayson.....	25	30	15	16	4	15	29	38	33	32	30	29	13	14	17	24	25	28	30	28	28	31	31	25	16	21	24.4	24.4	24.4			
Green River.....	42	34	36	32	31	30	43	42	48	51	45	41	41	43	44	41	37	34	33	41	36	46	40	43	43	43	43	43	43			
Henefer.....	35	31	34	38	45	31	31	30	29	36	36	43	40	45	45	43	42	42	40	43	40	41	41	41	41	41	41	41	41			
Ibapah.....	12	24	27	22	23	23	28	36	30	32	20	22	20	23	24	22	21	21	22	22	21	22	23	23	23	23	23	23	23			
Kanab.....	22	25	21	25	9	10	16	16	16	32	31	30	14	10	19	20	23	20	22	20	23	21	22	23	23	23	23	23	23			
Kelton.....	38	40	35	35	32	40	42	40	44	40	39	40	40	42	45	47	40	46	45	46	45	46	45	45	45	45	45	45	45			
La Sal.....	40	35	34	28	33	30	30	30	30	30	20	20	24	20	24	20	24	22	28	29	32	32	30	26	17	18	22.5	22.5	22.5			
Leeds (near) §§.....	50	48	45	48	46	52	56	59	60	50	45	45	46	43	51	53	47	55	57	58	51	46	36	48	55	52	52	52	52			
Lemay.....	38	40	40	41	42	43	46	44	50	52	54	52	47	45	47	46	42	50	51	49	50	48	45	45	45	45	45	45	45			
Levan.....	40	48	44	31	28	38	44	51	45	39	37	35	33	39	43	42	43	44	42	43	43	41	43	41	43	41	43	41	43			
Logan.....	41	49	52	46	32	35	45	39	47	44	43	45	41	40	37	42	43	49	48	39	42	41	31	33	32	31	31	31	31			
Low §§.....	29	31	29	25	12	16	15	28	33	31	32	12	4	1	14	21	31	21	23	28	22	19	17	26	19	16	17	18	18.5			
Lucin.....	43	39	35	40	39	46	50	55	52	42	44	45	47	45	47	46	43	50	51	46	45	45	45	45	45	45	45	45	45			
Manila.....	16	26	20	20	4	5	15	17	22	33	30	29	15	8	7	28	22	23	23	21	22	22	22	22	22	22	22	22	22	22		
Manti.....	39	56	38	36	30	35	39	40	49	48	43	37	33	38	39	41	43	40	41	38	40	42	38	38	38	38	38	38	38			
Meadowville.....	38	44	38	30	25	27	32	38	34	45	38	38	33	32	28	32	38	36	30	34	31	37	31	38	31	38	31	38	31			
Milford.....	46	47	42	41	41	42	46	48	51	55	50	44	41	44	48	49	49	49	49	49	49	49	49	49	49	49	49	49	49			
Moab.....	45	49	47	42	41	35	37	36	38	45	61	40	49	48	45	43	47	45	44	42	43	43	43	43	43	43	43	43	43			
Modena.....	41	39	35	38	36	43	45	48	47	41	38	44	40	38	38	39	44	47	42	37	36	40	48	45	44	44	44	44	44			
Monticello.....	44	37	32	35	22	39	40	39	40	40	40	40	31	34	40	43	44	39	42	36	31	37	33	42	35	35	35	35	35			
Moroni.....	39	47	37	37	32	37	45	45	47	44	40	39	38	38	42	41	42	48	42	47	35	42	37	35	40	39	39	39	39			
Mosida.....	49	44	48	44	47	38	34	47	49	51	51	39	40	34	35	38	42	45	46	45	45	45	45	45	45	45	45	45	45			
Mt. Nebo.....	20	21	22	19	10	8	18	17	24	25	32	32	13	12	5	3	9	12	17	20	21	21	17	12	12	12	12	12	12	12		
Ogden §§.....	47	39	34	34	34	45	48	47	48	47	44	44	47	43	49	45	52	49	42	47	47	47	47	47	47	47	47	47	47			
Panguitch.....	32	34	37	35	33	30	36	30	37	40	41	38	34	38	38	32	36	30	37	40	37	40	40	40	40	40	40	40	40			
Park City.....	36	35	27	21	21	29	43	43	35	36	34	30	32	34	38	34	40	40	39	37	35	36	36	36	36	36	36	36	36			
Parowan.....	49	48	38	36	46	49	51	52	50	50	49	40	36	43	46	53	43	45	51	45	45	45	45	45	45	45	45	45	45			
Parvo.....	50	38	38	39	45	45	50	52	41	41	45	41	42	38	51	43	43	50	48	40	35	40	41	40	41	41	41	41	41			
Pinto.....	15	8	7	6	4	6	10	30	35	31	7	6	10	30	32	38	31	35	35	35	30	31	37	37	37	37	37	37	37	37		
Provo.....	46	52	32	37	45	46	55	45	43	43	42	41	44	44	41	44	44	49	49	52	48	48	41	41	43	47	47	47	47			
Richfield.....	55	60	45	46	36	44	53	57	54	47	41	45	45	42	48	41	48	41	48	41	48	41	48	41	48	41	48	41				
Sahara.....	44	44	38	39	37	44	49	52	51	46	41	44	38	38	41	40	45	50	45	41	35	44	47	44	43	43	43	43	43			
St. George.....	46	48	54	55	53	63	64	68	59	58	59	63																				

FEBRUARY, 1915.

CLIMATOLOGICAL DATA: UTAH SECTION.

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Daily Precipitation for February, 1915.

Continued from page 15.

Stations.	Day of month.																													Total.					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
Santaquin .....	.33	.08	.01							1.43	1.17	.10								T.	T.	T.	T.	T.	T.	.53	T.			3.70				
Scipio	T.	.28	.14							.06	.52	.84								T.	.13	.04	T.	T.	T.	.99					3.89				
Scipio (near)																																			
Seoneld	(C)																																		
Silver City																																			
Snake Creek																																			
Snowville																																			
Spanish Fork																																			
Springdale	(C)																																		
Standrod	T.	.26	.17																																
Sunnyside	(C)																																		
Teasdale	(C)																																		
Thistle .....		.15	.22	.23																														
Thompson	(C)																																		
Tooele	T.	.25	.04																																
Tremonton .....		.12	.17	.06																														
Tropic	(C)																																		
Trout Creek Ranger	(C)																																		
University of Utah																																			
Utah Experiment Station	(C)																																		
Vernal .....		.09	.145	.28	T.	T.																												
Vernon	(C)																																		
Victor	(C)																																		
Wendover																																			
Whisky Creek																																			
Wind																																			
Woodruff																																			
Woodside	(C)																																		

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation.

||| Precipitation measured in the morning; amount then recorded is for the preceding 24 hours.

*** Regular Weather Bureau stations: precipitation is for the 24 hour period, midnight to midnight.

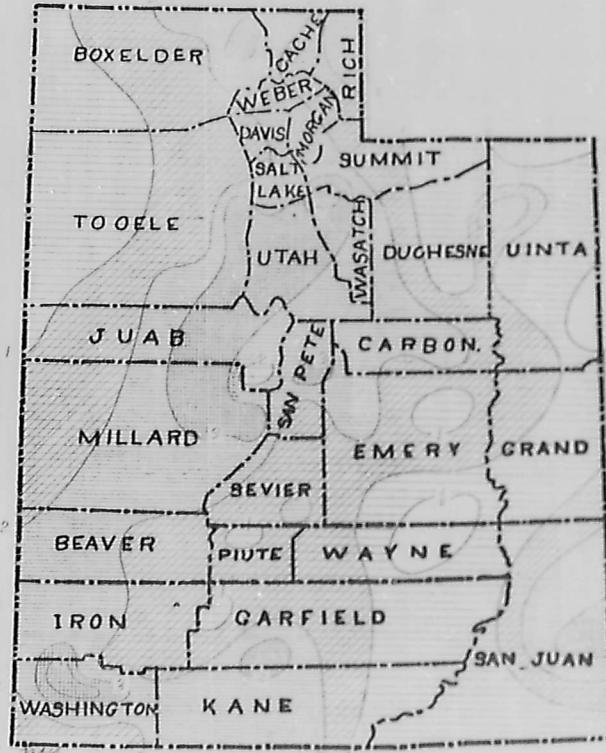
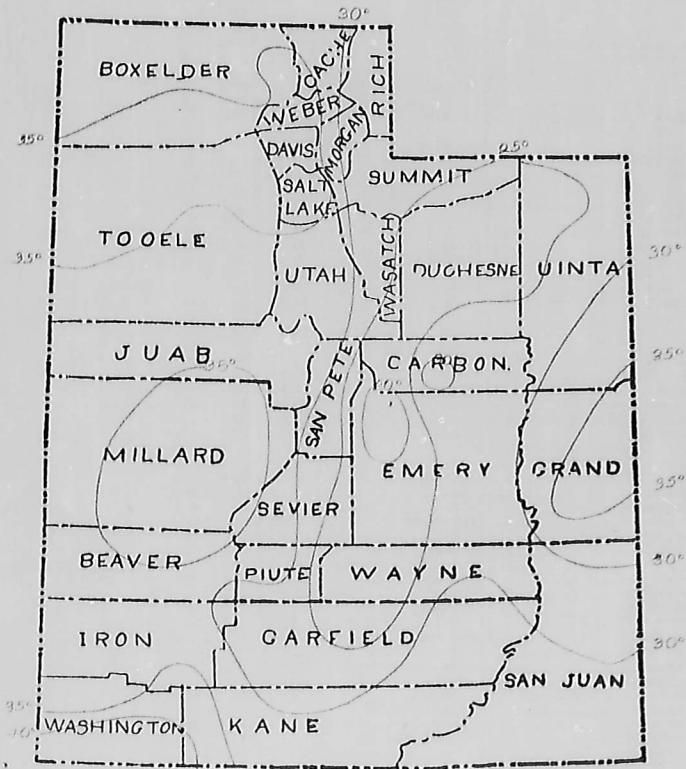
* Precipitation included in the next following measurement. † Separate dates of falls not recorded. T. Indicates Trace, or less than 0.01 inch of rain or melted snow.

All stations are in the Great Basin except those marked (C) which are in the Colorado River drainage area.

Name of rainfall station at Smyths was changed to Reed. There was no change in location of rain gage.

Mean Temperature, February, 1915.

Total Precipitation, inches, February, 1915.



SCALE OF SHADES - IN INCHES.

Less than 1	1 to 1	1 to 2	2 to 3	Over 3
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FEBRUARY, 1915.

SNOW CONDITIONS IN UTAH ENDING FEBRUARY 28, 1915.

GENERAL SUMMARY.

Substantial gain was made in the accumulated amounts of snow in the mountains and hills of Utah during the month of February.

In the Great Salt Lake watershed considerable snow fell during the month, but not enough to make the amount in the mountains equal to that of last year at the same time, and it still averages below normal. A great deal of the snow is well packed, but as most of it fell late in the season it is not in good condition for late keeping. From the reports thus far received, the conclusion is drawn that the prospective water supply is less than the average amount. At Lake Blanche in Cottonwood Canyon there was 6 feet of snow, which is equal to over 12 inches of water.

In both the Sevier Lake and the Colorado River watersheds the condition is very favorable, not only did considerable snow fall but in many places it is well packed and consequently in good condition for late keeping.

The more generous supply of snow is in the Sevier Lake watershed. In some places, notably near Oasis and Parowan, an unprecedented amount was reported, and plenty of water may be promised for this watershed during the coming growing season.

In the Colorado River watershed the condition is better in the southern than in the northern portion of the State. Larger amounts were reported in the La Sal Forest than in the Ashley Forest, and the observer at Vernal wrote that the indication was that there would be a scarcity of water.

DEPTH OF SNOW IN INCHES ON NATIONAL FORESTS.

National Forest	Drainage Basin	Sub-Basin	Number of Stake	Depth at Stake
Ashley	Green	Allen	1	4
do	do	Eagle	2	8
do	do	Cub	3	12
do	do	Beaver	4	
do	do	do	5	
do	do	Brush	6	
do	do	do	7	12
do	do	do	8	17
do	do	do	9	21
do	do	Ashley	10	20
do	do	Dry Fork	11	34
do	do	do	12	42
do	do	Uinta	13	31
do	do	do	14	5
do	do	do	15	12
Bear Lake	Bear Lake	Garden City Canyon	60	
do	Logan	Left Hand Fork	1	
do	do	Spring Hollow	33	
do	do	do	3	46
do	do	do	5	47
Fillmore	Sevier	Oak Creek	42	
do	do	Deer and Corn	37	
do	do	Clear	19	
La Sal	Grand	Beaver	36	
do	do	Placer	27	
do	do	Bulldog Creek	43	
do	do	Recapture Creek	48	
do	do	La Sal	18	
do	do	Upper La Sal	51	
do	do	Montezuma	24	
do	do	R. S. Pole Creek	34	
do	do	South Fork Montezuma	38	
Sevier	Sevier	Center Creek	22	
do	do	Tyler	36	
do	do	East Fork	22	
do	do	Panguitch	48	
do	do	Sandford	30	
do	do	Bear	32	
do	do	Daniels	48	
do	do	Indian	27	
do	do	Strawberry	37	
do	do	Salt Creek	12	
do	do	Middle Black Fork	31	
Wasatch	Green	Mill Creek	36	
do	Bear	Mouth of North Fork	11	

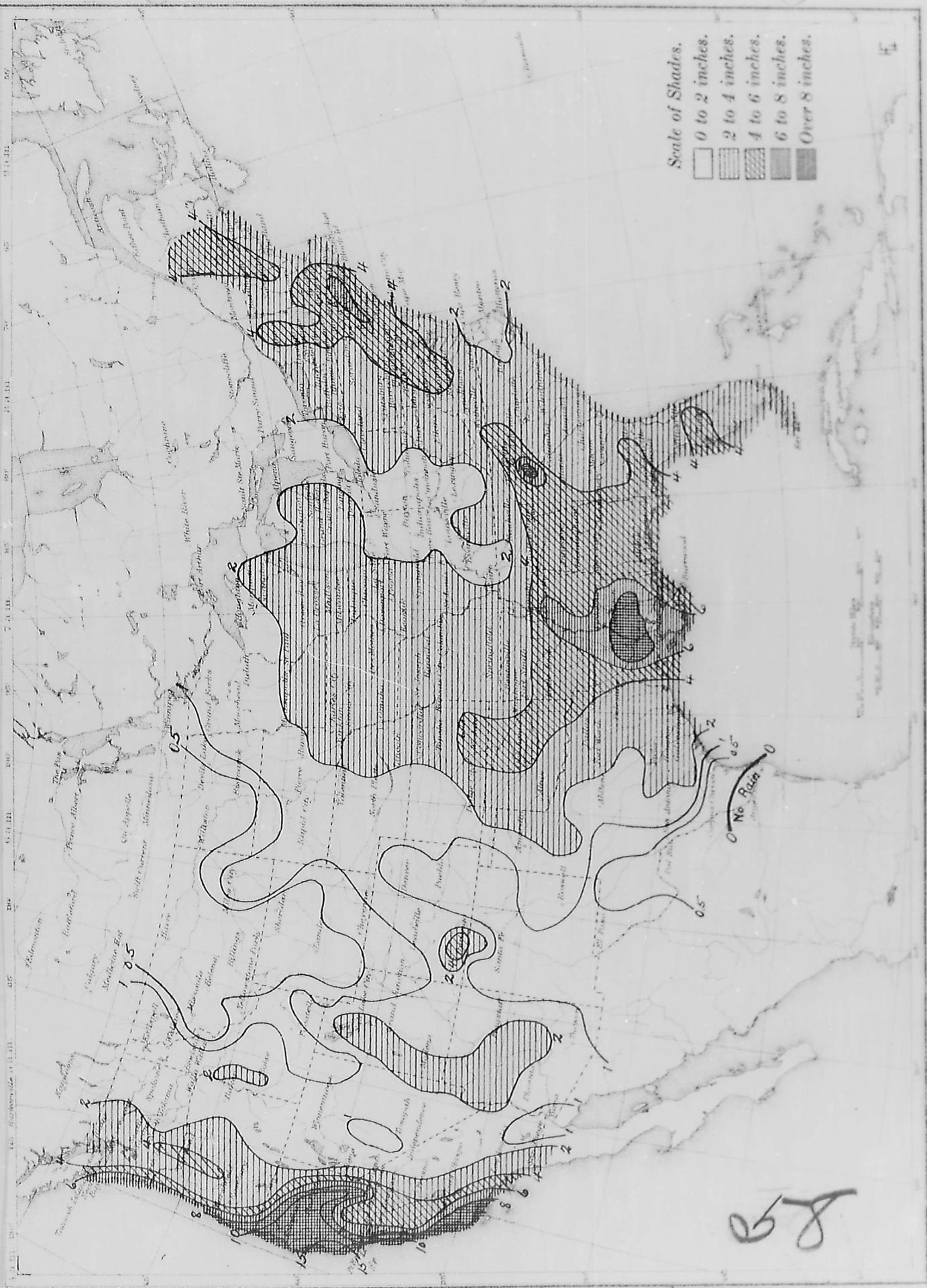
Silver King Mine, near Park City, 36 inches of snow.

Daly-Judge Mine, near Park City, 72 inches of snow.

Stations.	Counties.	At station. (Inches.)	Estimated depth in adjacent mountains or hills.		Prospective water supply compared with average.
			On ground at end of month.	Total snowfall for the month.	
<i>Great Salt Lake Watershed.</i>					
Brigham City	Boxelder	8.5	2.49	42	-
Corinne	do		2.61		-
Garland	do	0.0	3.0	3.54	12
Grouse Creek	do			0.83	-
Lemay	do			0.97	-
Lucin	do		1.0	0.71	6
Snowville	do	3.0	6.5	2.38	12
Stansord	do	0.8	11.1	1.13	27
Tremonton	do			2.56	15
Clarkston	do			2.55	18
Logan	do		2.1	1.32	-
Richmond	do		4.5	2.38	60
Farmington	Davis	8.5	2.71	50	-
Morgan	Morgan	9.0	2.14	42	-
Meadowville	Rich	3.0	9.0	0.58	24
Randolph	do			0.85	30
Midvale	Salt Lake	T.	7.3	2.55	10
Upper Mill Creek	do	2.0	18.3	2.92	36
Casterrock	Summit			1.65	42
Henefer	do	2.0	12.0	1.65	36
Kamas	do			42	-
Park City	do		41.1	3.59	72
Pine View	do		29.5	1.03	-
Center	Tooele			1.8	1.71
Government Creek	do	0.0	17.0	2.55	-
Ibapah	do	0.0	2.3	0.75	36
Iosepa	do			6.6	54
Low	do			4.1	5.59
Tooele	do	1.0	15.0	3.10	14
Alpine	Utah			3.00	90
American Fork	do	0.0	17.2	3.38	60
Elberta	do			9.0	30
Lehi	do			6.5	3.57
Payson	do			3.50	-
Santaquin	do	1.0	23.0	4.13	48
Spanish Fork	do	0.0	16.0	3.70	-
Histle	do			14.8	2.50
Heber	do	6.0	15.5	2.78	30
Snake Creek	Wasatch	12.0	37.0	3.48	72
Ogden	do	25.0	42.5	4.50	54
	Weber	14.0	2.61	54	*
<i>Sevier Lake Watershed.</i>					
Beaver	Beaver	10.0	17.0	1.22	60
Minersville	do	8.0	9.0	0.98	24
Nada	do	0.0	9.1	2.92	15
Reed	do	0.0	4.0	1.04	42
Panguitch	Garfield	0.0	7.4	0.71	36
Cedar City	Iron	0.0	5.9	1.25	66
Modena	do	0.0	11.6	2.56	21
Parowan	do		10.0	1.13	60
Black Rock	Millard			8.0	2.58
Cedar Fort	do	10.1	20.8	3.47	12
Desret	do	0.0	8.0	3.39	-
Fillmore	do		18.5	2.70	42
Kanosh	do			2.33	35
Oak City	do		11.8	2.74	36
Scipio	do		24.0	3.89	72
Marysville	Plute	0.0	4.5	0.56	36
Plute Dam	do		20.5	1.32	3
Manti	Sanpete	8.0	9.5	1.59	66
Moroni	do	10.8	20.4	2.62	60
Utah Experiment Station	do	51.0	66.7	5.83	-
Richfield	do		19.0	1.02	36
<i>Green and Colorado Rivers Watershed.</i>					
Price	Carbon	22.0	2.00	48	+
Scoffield	do		20.0	2.09	42
Sunnyside	do	6.0	4.0	0.64	24
Duchesne	Duchesne	4.0	0.64		-
Mountain Home	Emery	5.0	10.5	0.86	48
Castle Dale	do			2.75	60
Emery	do		15.0	14.0	1.40
Tropic	Garfield	15.6	3.72	42	+
Thompson	Grand	2.0	6.2	0.71	-
Orderville	Kane			2.77	12
Ranch	do			54	+
San Juan	San Juan	17.5	3.72		-
Grayson	do	2.5	22.0	2.45	36
Monticello	Uinta	3.8	0.42	7	-
Dragon	Ft. Duchesne			0.49	-
Teasdale	do		3.0	0.46	24
Enterprise	Wayne	9.0	16.0	1.42	48
Washington	do			4.62	54
Hurricane	do			2.20	-
New Harmony	do			5.92	72
Pine Valley	do	24.0	33.0	4.16	70
St. George	do			1.13	-
Springdale	do		T.	2.46	+

+ indicates more; - indicates less, and * indicates average.

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U. S. DEPARTMENT OF AGRICULTURE
WEATHER BUREAU

CHARLES F. MARVIN, CHIEF

CLIMATOLOGICAL DATA

UTAH SECTION

MARCH, 1915

BY

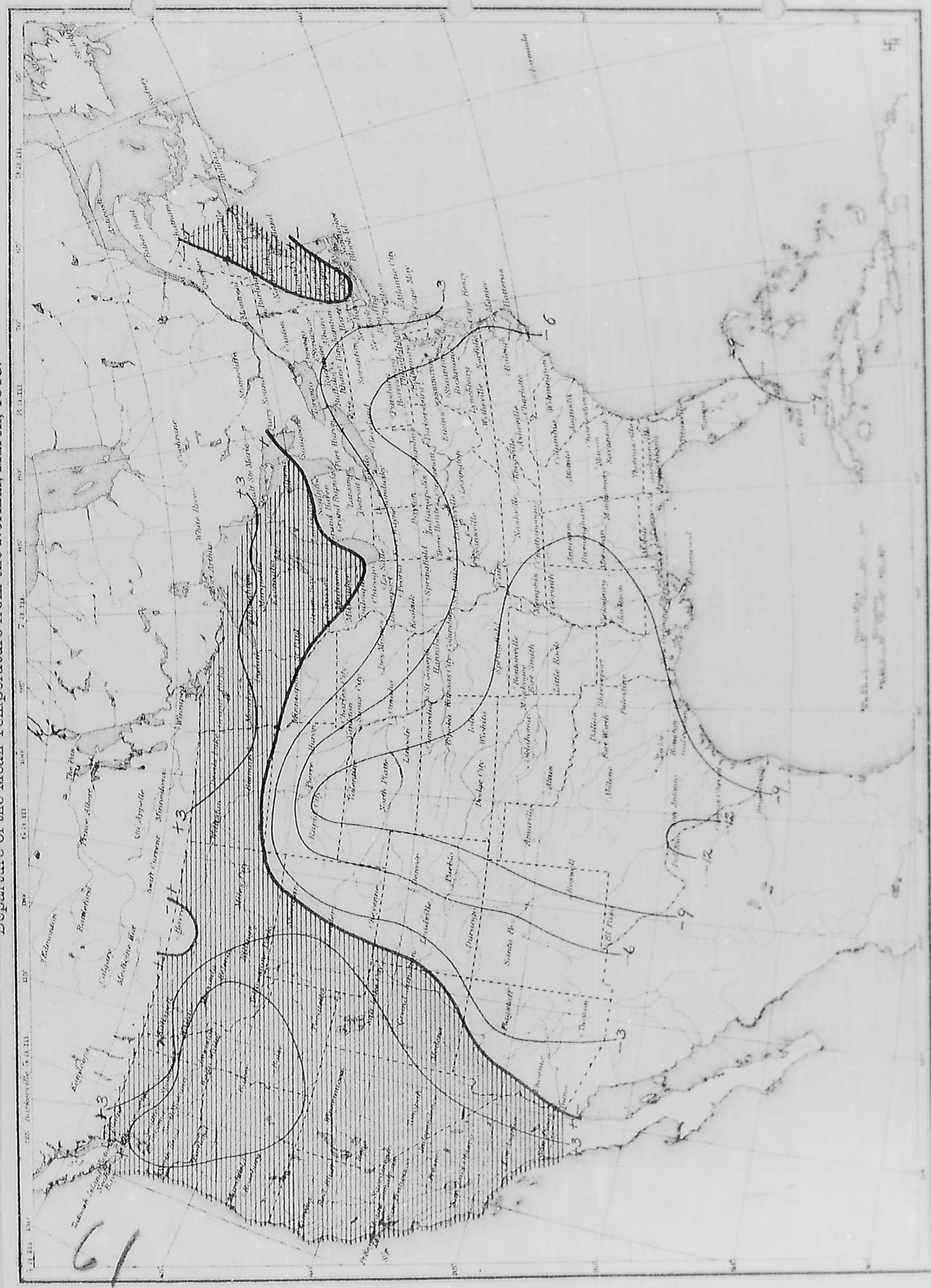
ALFRED H. THIESSEN

SECTION DIRECTOR



SALT LAKE CITY, UTAH
WEATHER BUREAU OFFICE
APRIL 24, 1915.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

UTAH SECTION.

ALFRED H. THIESSEN, Section Director.

VOL. XVII. SALT LAKE CITY, UTAH, MARCH, 1915. No. 3.

GENERAL SUMMARY.

March was a very favorable month for all interests, the temperatures averaged somewhat above normal and the precipitation considerably below. There was not much snow added to the supply in the mountains during the month, and a shortage is anticipated in some sections if the summer rains are light; the principal places reporting deficient amounts were in the Green River watershed and in the northern portion of the western slope of the Wasatch Mountains.

The ground was reported in excellent condition for tillage, and plowing was general in the lower valleys all over the State; grains and other crops were sown; but in the higher valleys winter conditions prevailed until the end of the month and prevented these activities. The snow cover had entirely disappeared at the end of the month, and fall sown grain was reported in good shape. Fruit trees had not budded so heavily as last year, but the trees were in splendid condition.

PRESSURE.

The monthly mean atmospheric pressure for the State, reduced to sea level, was 30.00 inches, obtained from data at Salt Lake City and Modena.

The highest was 30.46 inches at Salt Lake City on the 21st. The lowest was 29.50 inches at Modena on the 1st.

TEMPERATURE.

The monthly mean temperature for the State as determined from 79 stations was 39.9° , which is 1° above the normal, but 1.1° below the average of March last year. The local excesses were confined generally to the western slope of the Wasatch mountains, and the highest was 8.3° at Logan; while the local deficiencies were in almost every case limited to the eastern slope of these mountains, the greatest being 6.5° at Emery. The lowest local means occurred as usual at elevated stations, the lowest being 27.3° at Scofield; while the highest occurred in the valleys on the western side of the Wasatch and in Washington County, the highest being 51.8° at St. George.

The cold weather was confined generally to the first decade, the lowest temperature for the month having occurred from the 4th to the 8th. The lowest was -14° at the East Portal of Strawberry Tunnel, but there were very few stations that reported temperatures of zero or below. The last half of the month was uniformly warm and the highest temperatures occurred, as a rule, from the 22d to the 28th. St. George reported the highest temperature, 81° , on the 26th. The highest temperature at most stations ranged between 60° and 70° .

The greatest daily local range was 57° at Ibapah on the 22d.

HUMIDITY.

At Salt Lake City the mean relative humidity at 6 a. m. was 58 per cent, and at 6 p. m. 41 per cent. At Modena at 6 a. m. it was 64 per cent, and at 6 p. m. 29 per cent.

PRECIPITATION.

The average precipitation for the State was 0.75 inch, or 0.79 inch below normal, but the month was not quite so dry as the corresponding month last year. In almost every case the local monthly amounts were less than normal, and where amounts

above normal occurred, the excesses were small. The precipitation this month was very unevenly distributed, the highest local amount was 2.08 inches at the Utah Experiment Station of the Forest Service in Sanpete County, while none was reported at Castle Dale, Park Valley and Thompsons. At no period was the precipitation at all heavy over any extended portion of the State; but locally large 24-hour amounts were quite frequent, the largest being 1.01 inches at Hayden on the 2d, and at Riverdale on the 28th-29th.

The average snowfall, unmelted, was 3.9 inches.

WIND.

The prevailing direction of the wind for the State was from the north. The average velocity at Salt Lake City was 7.2 miles per hour; the highest 31 miles per hour from the northwest on the 15th; and the prevailing direction from the northwest. At Modena the average velocity was 10.1 miles per hour; the highest 48 miles per hour from the southwest on the 28th; and the prevailing direction from the southwest.

SUNSHINE AND CLOUDINESS.

The monthly percentage of possible sunshine was 79 at Salt Lake City, and 69 at Modena.

For the State the average number of clear days was 16; partly cloudy, 8; and cloudy, 7.

CORRECTIONS.

January.—Henefer, monthly mean temperature should be 47.7° . Mand. total snowfall should be 12.4 inches. Snowville, total precipitation should be 0.73 inch.

COMPARATIVE DATA FOR MARCH.

Year.	Temperature.			Average precipitation.	Total snowfall.	Number of days			Prevailing wind.
	Mean.	Highest.	Lowest.			Rainy (0.01 inch or more),	Clear,	Partly Cloudy,	
1891									
1892	40.0	83	-4	1.52	10.0	7	9	12	SW.
1893	35.6	87	-19	2.05	12.0	8	10	9	SW.
1894	36.6	85	-22	1.66	14.4	6	14	8	SW.
1895	37.0	87	-15	1.24	6.4	4	18	7	SW.
1896	38.0	88	-7	0.99	8.0	6	12	10	SW.
1897	32.0	79	-2	2.22	17.0	8	9	11	SW.
1898	34.2	80	-14	1.24	9.7	6	13	11	SW.
1899	38.5	84	-3	2.46	8.3	8	11	10	SW.
1900	43.9	86	6	0.19	1.2	1	20	7	SW.
1901	36.8	78	-2	0.84	7.6	5	16	7	N.
1902	34.9	73	-9	1.28	10.3	7	11	9	SW.
1903	37.3	80	-32	1.19	7.4	5	12	9	SW.
1904	39.9	90	-10	2.33	11.5	9	9	10	SW.
1905	42.2	83	0	1.76	6.8	8	11	9	SW.
1906	38.0	86	-34	3.14	18.2	31	10	8	SW.
1907	42.4	87	-2	1.65	9.9	8	10	13	SW.
1908	39.8	90	-20	1.10	8.3	5	15	9	SW.
1909	37.4	78	-21	1.16	7.4	6	12	10	SW.
1910	46.1	85	5	0.78	1.9	3	17	8	S.
1911	41.2	86	-6	1.30	2.2	5	15	9	SW.
1912	37.3	86	-12	2.72	17.5	11	7	15	SW.
1913	35.1	87	-18	0.63	9.5	5	13	12	S.
1914	41.0	90	-3	0.63	2.2	4	19	8	S.
1915	39.9	81	-14	0.75	3.9	4	16	8	S.

GREAT SALT LAKE WATER LEVEL RECORDS AT SALTAIR.
(Feet and tenths.)

Zero of gage is 4,212.9 feet above sea level.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
1915.	1st	+5.6	+5.7	+6.0									
	15th	+5.6	+5.8	+6.1									

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CLIMATOLOGICAL DATA: UTAH SECTION

MARCH, 1915.

Climatological Data for March, 1915.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.			Greatest daily range.	Precipitation, inches.	Number of days	Observers.					
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.						
Beaver.....	Beaver.....	6,000	10	6.000	-0.6	61	29	10	9	44 -0.44 0.00	0.55 -0.66 0.25	3.0	4 32 6 3 n.	S. Z. Jenkins.	
Black Rock.....	Millard.....	4,872	11	40.7 + 0.1	71	23	16	17	51	0.31 -0.33 0.11	2.0	3 9 14 s.	Agent Salt Lake Route.		
Blanding.....	San Juan.....	6,000	7	37.8 +	63	23	14	3	33	0.28 -	0.23	3.0	2 17 9 5 sw.	E. F. Thompson.	
Bluff.....	San Juan.....	4,200	2	44.2 +	69*	24	24	12	38*	0.05 -	0.05	0.0	1	H. H. Redd.
Brigham City.....	Boxelder.....	4,305	2	44.1 +	75*	24	26	8	34*	1.81 -	0.93	1.3	6	N. Merrill Valentine.
Burryville.....	Sevier.....	6,800	3	30.8 +	55	21*	2	27	39	0.53 -	0.30	4	.....	F. R. Curtis.
Castle Dale.....	Emery.....	5,500	15	38.0 - 0.6	61	29	10	9	44	0.00 -0.44 0.00	0.0	0	29 32 0	Miss Fay Jeffs.	
Cedar City.....	Iron.....	5,750	10	40.8 +	68	23	14	2	39	0.59 -	0.21	2.0	6 16 8 sw.	Parley Dailey.	
Center.....	Tooele.....	4,250	3	39.0 +	67	25	16	9	44	0.78 -	0.38	T.	5 9 15 7 n.	L. C. Peterson.	
Corinne.....	Boxelder.....	4,240	44	42.2 + 1.9	66	24	22	3†	39	1.28 -0.09	0.96	0.0	2 15 9 7	A. C. Murphy.	
Desert.....	Millard.....	4,541	19	41.8 + 0.9	70	23	18	17	45	0.33 -0.66	0.18	4.0	4 14 5 12 n.	S. W. Western.	
Dragon (near).....	Uinta.....	6,210	4	41.7 +	74	16	8	4	49	0.31 -	0.14	3	25 0 6 s.	Horner D. Ford.	
Duchesne.....	Duchesne.....	5,500	7	38.3 +	65	22	15	8	41	0.10 -	0.07	1.0	2 12* 10* 8* w.	M. M. Smith.	
East Portal.....	Wasatch.....	7,650	2	24.2 +	48	23	-14	11	47	0.47 -0.10	0.30	10.0	5 12 14 5	Reclamation Service.	
Elberta.....	Utah.....	4,650	12	41.2 + 0.3	68	26	19	4	38	0.51 -1.05	0.16	3.0	6 18 6 7 n.	C. C. Walker.	
Emery.....	Emery.....	6,200	13	31.7 - 6.5	57	22	6	4	41	1. -0.37	T.	T.	0 7 3 21 n.	H. C. Wickman.	
Farmington.....	Davys.....	4,268	3	43.2 + 2.2	66	26	16	10	36	1.26 -1.18	0.95	1.8	5 24 4 3 n.	Chas. Boylin.	
Filmore.....	Millard.....	5,100	22	43.4 + 1.6	70	23	12	6	36	1.06 -0.85	0.64	8.0	3	J. J. Starley.
Ft. Duchesne.....	Utta.....	4,941	26	39.0 + 4.3	67*	27	15*	4	43*	0.28 -0.39	0.22	3	21* 7* 2* w.	Geo. W. Dickson.	
Fruitland.....	Boxelder.....	4,248	2	42.0 +	64	23†	21	17	38	1.17 -	0.88	0.5	6 10 11 10 s.	J. E. L. Cavey.	
Garrison.....	Tooele.....	5,277	13	39.6 + 1.0	64	23†	10	6	34	1.82 -0.37	0.77	11.0	4 12 11 8 n.	J. T. Roberts.	
Government Creek.....	Emery.....	4,080	14	45.0 - 2.2	76	26	19	2	44	0.12 -0.31	0.12	0.0	1 18 11 2 sw.	E. M. Smith.	
Green River.....	Wayne.....	4,200	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Walter James.
Hanksville.....	Wasatch.....	5,933	21	33.8 - 0.5	60	23†	2	4	40	0.80 -1.46	0.35	7.0	5 10 12 9 n.	E. F. Adams.	
Heber.....	Summit.....	5,301	14	37.6 + 1.7	65	26	8	4	38	1.03 -1.47	0.46	3.0	6 12 11 8 w.	E. J. Weber.	
Henefer.....	Tooele.....	7,500	9	37.7 +	71	23	9	17	57	0.50 -	0.20	1.8	5 11 18 2 sw.	John Crook.	
Ibapah.....	Iosepa.....	4,356	3	36.6 +	63	18	9	6	40	1.47 -	0.91	7.6	3 24 2 5 n.	Wm. Brewer.	
Kanab.....	Kane.....	4,925	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	W. M. Chastain.
Kelton.....	Boxelder.....	4,230	34	41.2 + 0.2	63	24	21	11	33	0.20 -0.30	0.20	T.	1 2 23 5 s.	James K. Halemann.	
La Sal.....	San Juan.....	7,000	11	36.8 + 0.5	57*	24†	14*	21	39	0.26 -1.46	0.35	7.0	5 10 12 9 n.	D. D. Best.	
Leeds (near).....	Washington.....	3,400	2	34.9 +	75*	23	29	1	32*	0.35 -	0.35	0.0	1 12 9 9 n.	F. W. Klock.	
Lehi.....	Utah.....	4,550	1	43.2 +	66*	26	20	4	37*	1.25 -	0.60	0.0	5 18 6 7	Mrs. Gertrude W. Carpenter.	
Lemay.....	Boxelder.....	4,221	3	46.4 +	70	26	30	11	22	0.09 -	0.05	0.2	2 13 16 2 dw.	Joseph Anderson.	
Logan.....	Juab.....	5,016	24	37.9 + 0.6	64	26	13	1	37	1.42 -0.58	0.43	12.5	6 14 10 7	Clarence Gardner.	
Low.....	Tooele.....	4,507	23	44.2 + 8.3	71	23†	22	11	33	0.59 -1.41	0.45	0.2	3 11 5 12	Experiment Station.	
Lower American Fork.....	Utah.....	4,602	3	43.0 +	68*	23	22	5†	36*	0.22 -	0.22	T.	1 10 15 6 s.	Art. Western Pacific Co.	
Lower Mill Creek.....	Boxelder.....	5,063	1	43.0 +	67	23†	22	4	34	1.26 -	0.68	7.6	5 18 9 4 n.	Utah Light & Power Co.	
Lucin.....	Salt Lake.....	.....	44.2 +	66	24	23	4†	30	1.63 -	0.65	7.3	8 15 5 11 dw.	D. Folker.	
Mantua.....	Boxelder.....	4,601	7	42.0 +	71	23	17	7†	39	0.10 -	0.10	0.0	1 13 17 1 e.	E. C. Puryear.	
Manti.....	Uinta.....	6,225	4	29.6 +	55	16†	-5	4	48	0.67 -	0.45	7.0	3 17 10 4	D. M. Nelson.	
Marysville.....	Sanpete.....	5,575	19	36.2 + 1.6	61	23†	10	4†	32*	0.72 -0.84	0.58	5.0	3 5 7 19	J. M. Anderson.	
Meadowville.....	Plute.....	6,180	13	38.2 + 0.1	65	25	9	2	44	T. -1.34	T.	0 16 12 3 n.	A. Stoyka.		
Midlake.....	Rich.....	6,200	13	38.8 + 3.3	59	23	8	9	32	0.22 -1.68	0.12	T.	2 23 1 7	J. S. Modat.	
Midvale.....	Boxelder.....	4,235	3	44.6 +	62	29	31	1†	27	1.00 -	0.60	0.0	2 10 11 10	Stella M. Gibson.	
Millford.....	Salt Lake.....	4,365	2	44.3 +	63	23	20	7	43	0.80 -	0.31	1.7	6 20 9 2 s.	E. D. Cannon.	
Moab.....	Beaver.....	4,962	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Delta Land & Water Co.
Modena.....	Grand.....	4,000	24	45.8 - 1.2	75	26	22	11	41*	0.25 -0.71	0.15	2	4 21 6	Henry Cross.	
Monticello.....	Iron.....	5,479	13	39.8 + 0.6	68	24	11	2	41	0.40 -0.90	0.36	4.2	4 10 12 9 sw.	U. S. Weather Bureau.	
Morgan.....	Morgan.....	5,068	10	39.6 + 3.0	65	26†	15*	4	38*	0.40 -2.14	0.20	2	.....	E. H. Barton.
Moroni.....	Sanpete.....	6,000	6	37.9 +	65	23	13	4†	36	1.27 -	0.84	11.0	5 15 3 13 sw.	E. O. Kingston.	
Mosida.....	Utah.....	4,510	2	40.5 +	70	27	18	8	33	0.14 -	0.14	1	20 1 10	B. F. Elision.	
Mountain Home.....	Duchesne.....	6,000	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Oscar Wilkins.
Nephi (near).....	Juab.....	5,119	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	A. D. Ellison.
Oak City.....	Millard.....	4,900	7	40.5 +	58*	17	19*	8	30*	1.04 -	0.52	6.0	2 24 8* 7*	Jos. L. Anderson.	
Ogden.....	Garfield.....	4,310	43	44.7 + 3.2	67	23†	25	7	32	1.58 -0.00	0.72	5	24 3 4 e.	Ralph Shorten.	
Panguitch.....	Garfield.....	5,560	2	35.2 +	60	24	11	2†	38*	T.	T.	0.0	0 26 5 0 sw.	H. L. Strombel.	
Park City.....	Summit.....	7,000	14	32.7 + 1.6	54	24†	4	4	30	1.43 -1.93	0.69	6.0	8 16 6 9 n.	Rev. Hoyt Headings.	
Parowan.....	Iron.....	5,970	23	41.1 + 1.8	68*	24	19	2	38*	0.56 -1.17	0.17	1.5	3.5 13 12 6	Alex Matheson.	
Pine View.....	Summit.....	6,335	2	*32.4 +	58*	26	-9	4	49*	0.60 -	0.35	11.5	4	Granville Deming.
Pinto.....	Washington.....	5,907	15	36.2 + 0.1	66	23†	7	2	47	0.66 -1.38	0.34	5.0	4 16 6 9 n.	J. H. Harrison.	
Price.....	Carbon.....	5,557	3	37.0 +	52	27	14*	8	35*	0.10 -	0.10	T.	1 25 2 4	Roy Parker.	
Provo.....	Utah.....	4,532	20	41.8 + 1.0	69*	26	21†	4†	42*	1.15 -0.59	0.51	6.0	5 22 6* 1*	Reclamation Service.	
Ranch.....	Kane.....	6,700	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. W. Seaman.
Richfield.....	Sevier.....	5,350	20	40.4 +	68	23†	17*	7	47*	0.50 -	0.25	0.0	2 23 7 1 ne.	Simon Christensen.	
Riverville.....	Boxelder.....	4,310	1	43.4 +	66	22†	24	4	34	1.79 -	1.01	1.0	5 16 10 5 se.	Eugene Bone.	
Sabrina.....	Iron.....	5,200	2	40.6 +	70	23†	13	2	46	0.92 -	0.17	1.5	2 28 1 2 sw.	Earl Markwith.	
St. George.....	Washington.....	2,880	2	51.8 + 2.2	81*	26	26	4	22	1.16 +0.01	0.55	2.0	5 26 0 5	Ray Smith.	
Salt Lake City.....	Salt Lake.....	4,220	11	43.8 + 2.6	63	28	27	4	25	1.48 -0.52	0.88	1.9	5 10 12 9 dw.	E. J. Bench.	
Santaquin.....	Salt Lake.....	4,360	40	45.1 + 3.7	66	26	29	4	25	1.48 -0.52	0.88	1.9	5 10 12 9 sw.	U. S. Weather Bureau.	
Scipio.....	Utah.....	5,250	1	41.4 +	64	23	18	7†	32	1.32 -	0.59	8.8	7 14 8 9 s.	Wm. Broadbent.	
Scofield.....	Millard.....	5,260	19	39.6 + 0.9	67	23	16	7	46	1.34 -0.86	0.70	6.0	4 10 8 13 sw.	Thomas Memrott.	
Scio.....	Carbon.....	7,625	5	27.3 +	52	22†	12	4†	52	0.52 -	0.40	2.7	3 16 5 2 s.	B. Newell.	
Snake Creek.....	Wasatch.....	5,950	1	33.0 +	59	23	6	9	32	1.20 -	0.52	6.0	8 11 12 5 s.	J. W. Orrock.	
Snowville.....	Boxelder.....	12	39.7 + 3.6	68	15†	19	4	47*	0.50 -	0.25	0.0	2 23 7 1	J. C. Cutler.		
Spanish Fork.....	Utah.....	4,585	5	42.7 +	68	23†	17	4	33	1.76 -	0.90	7.0	7 14 14 3	Reclamation Service.	
Springdale.....	Washington.....	3,500	6	49.4 +	76	23	26	3†	36	0.14 -	0.14	T. B. Gilford.	F. D. Gilford.		
Standrod.....	Boxelder.....	6,000	9	*40.1 +	65	22	18*	6	29*	0.72 -	0.45	6.3	5 16 9 6 sw.	T. B. Jones.	
Teasdale.....	Wayne.....	7,000	15	31.8 + 3.4	60*	25	5	4†	33*	0.61 -0.18	0.61	8.0	1 10 13 8 sw.	Henry Cullum.	
Thistle.....	Utah.....	5,075	20	*38.4 + 0.7	64*	26	9	4	40*	1.84 +0.03	0.77	10.6	6 21 3 7	John I. Hayes.	
Thompsons.....	Grand.....	5,150	2	50.0 +	70	22									

MARCH, 1915.

CLIMATOLOGICAL DATA: UTAH SECTION

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Daily Precipitation for March, 1915.

MARCH, 1915.

Daily Temperatures for March, 1915.

¶ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day on which it almost always occurs.

a , b , c , etc., indicate respectively 1, 2, 3, etc., days missing from record.

MARCH, 1915.

CLIMATOLOGICAL DATA: UTAH SECTION.

27

Daily Precipitation for March, 1915.

Continued from page 25.

Stations.	Day of month.																														Total.			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
Saltair	.30	.09		.03																														
SALT LAKE CITY ***	.18	.23	.10																														1.16	
Santaquin	.10	.21																																
Scipio				T.																													1.65	
Scipio (ear)	T.	.03	.07																															
Sefield	.06	.07																																
Silver City																																		
Snake Creek																																		
Snowville																																		
Spanish Fork																																		
Springdale	(C)	.14	.30	.18	.08																													
Standrod																																		
Sunyside	(C)																																	
Teasdale	(C)	.61	.71	.10																														
Thistle																																		
Thompson's	(C)																																	
Tooele																																		
Tremonton																																		
Tropic	(C)																																	
Trout Creek Ranger	(C)																																	
University of Utah																																		
Utah Experiment Station	T.																																	
Vernal	(C)	.15	.65	.56																													2.08	
Vernon	T.	.10		.05	.05																											0.21		
Victor	(C)	.10																															0.34	
Wendover		.10																															0.10	
Whiskey Creek																																	0.35	
Winder																																	0.72	
Woodruff																																		
Woodside	(C)																																	

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation.

** Precipitation measured in the morning; amount then recorded is for the preceding 24 hours.

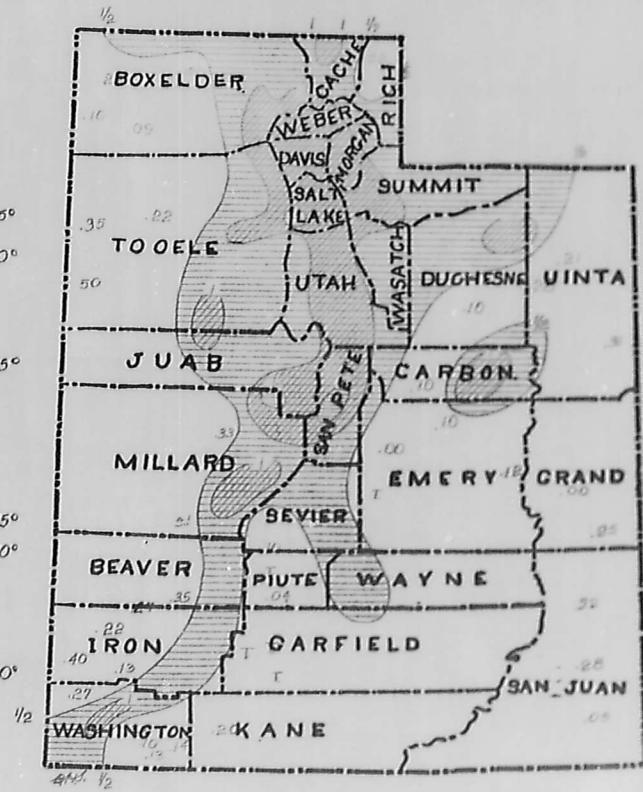
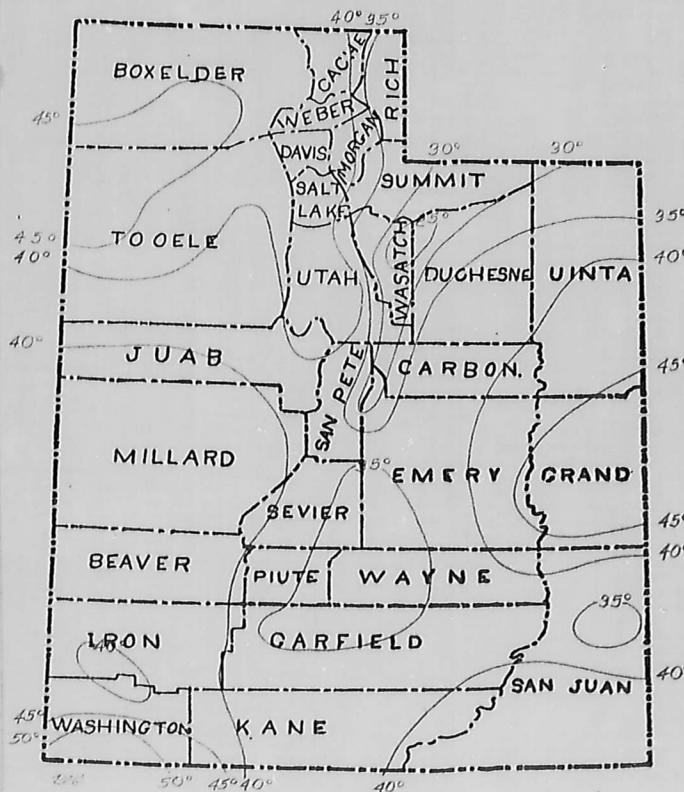
*** Regular Weather Bureau station; precipitation is for the 24 hour period, midnight to midnight.

* Precipitation included in the next following measurement. † Separate dates of falls not recorded. T. Indicates Trace, or less than 0.01 inch of rain or melted snow.

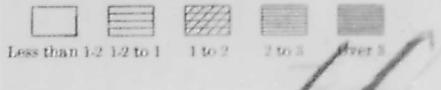
All stations are in the Great Basin except those marked (C) which are in the Colorado River drainage area.

Mean Temperature, March, 1915.

Total Precipitation, inches, March, 1915.



SCALE OF SHADES—IN INCHES.



SNOW CONDITIONS IN UTAH ENDING MARCH 31, 1915.

GENERAL SUMMARY.

Precipitation during the month of March was much lighter and much less snow fell than during the preceding month. By the end of the month practically no snow remained on the ground in the lower valleys of the State.

In the Great Salt Lake watershed only a few correspondents reported that the snow stored in the mountains was equal to the average amount; most correspondents reported that the snow was unusually short, and that the prospects were for a dry season if the irrigating water was not supplemented by rain during the summer. A very careful snow survey of City Creek Canyon showed that there was one-third less snow there than last year, and that the snow was in condition for early melting.

In both the Sevier Lake and southern portion of the Colorado River watersheds the outlook was very promising, and some observers reported that the creeks were already bank-full. A shortage was reported in the Green River watershed.

In the National Forests of the State the snow was below normal in most places, and in a favorable condition for early melting.

DEPTH OF SNOW IN INCHES ON NATIONAL FORESTS.

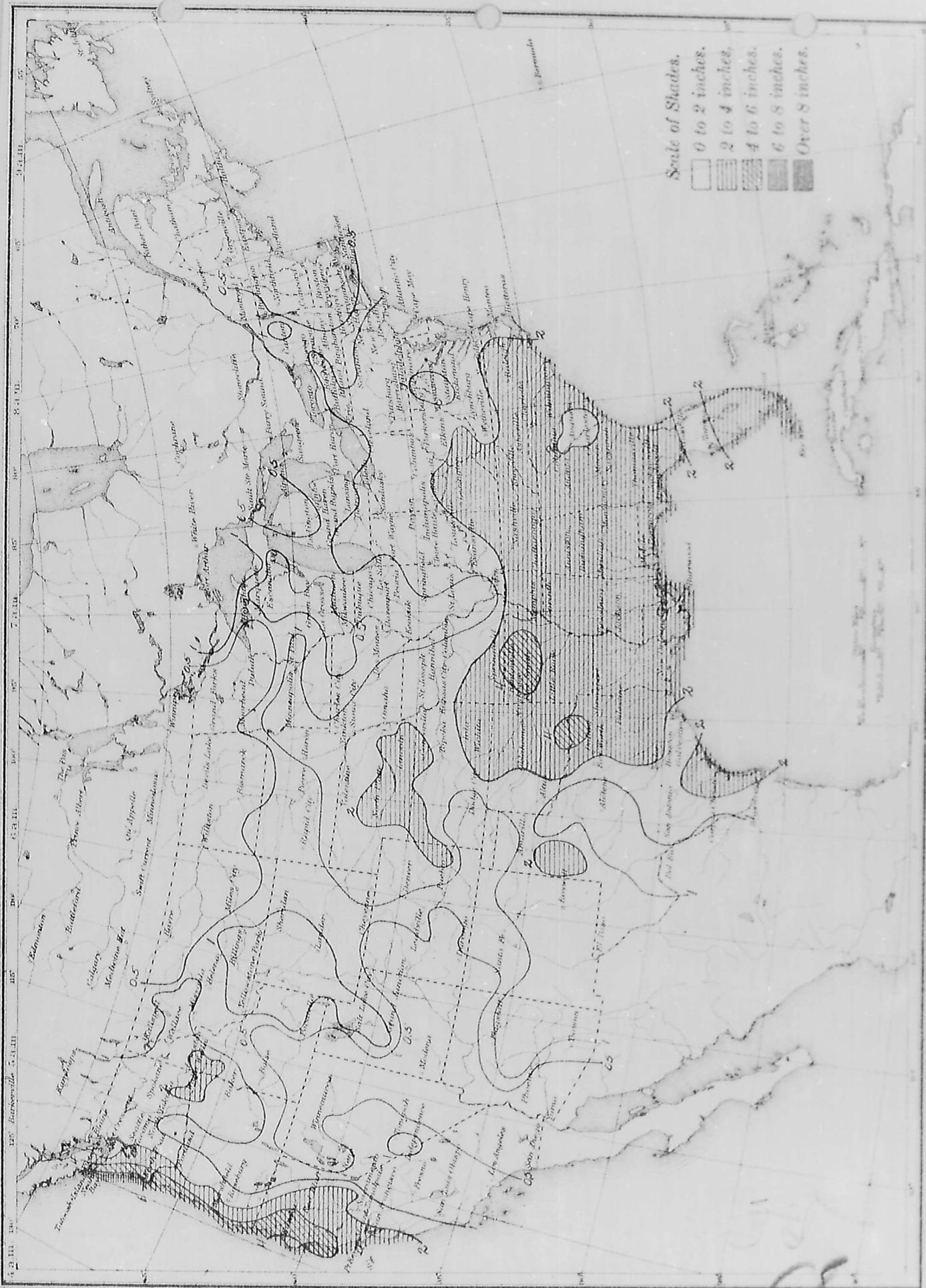
National Forest.	Drainage Basin.	Sub-Basin.	Number of Stakes		Depth at Stake
			Stake	Stake	
Ashley	Green	Allen	1	0	
do	do	Eagle	2	7	
do	do	Cub	3	13	
do	do	Beaver	4	..	
do	do	do	5	..	
do	do	Brush	6	..	
do	do	do	7	5	
do	do	do	8	12	
do	do	do	9	17	
do	do	Ashley	10	14	
do	do	Dry Fork	11	32	
do	do	do	12	44	
do	do	do	13	..	
do	do	do	14	..	
do	do	do	15	..	
Cache	Bear Lake	Left Hand Fork Garden City Canyon	46	..	
do	Logan	Spring Hollow	1	16	
do	do	do	3	44	
do	do	do	5	47	
Fillmore	Sevier	Oak Creek	..	14	
do	do	Deer and Corn	..	26	
do	do	Clear	..	..
La Sal	Grand	Beaver	25	..	
do	do	Placer	18	..	
do	do	Bulldog Creek	21	..	
do	do	Recapture Creek	32	..	
do	do	La Sal	8	..	
do	do	Upper La Sal	35	..	
do	do	Montezuma	6	..	
do	do	R. S. Pole Creek	14	..	
Sevier	Sevier	South Fork Montezuma	30	..	
do	do	Center Creek	..	..
do	do	Tyler	..	..
do	do	East Fork	..	..
do	do	Panguitch	..	..
do	do	Saint Ford	..	..
Uinta	Provo	Bear	22	..	
do	Duchesne	Daniels	29	..	
do	do	Dilling	18	..	
do	do	Strawberry	25	..	
do	do	Salt Creek	24	..	
Wasatch	Green	Middle Black Fork	..	..
do	Bear	Mill Creek	36	..	
	Duchesne	Mouth of North Fork	..	..

Stations.	Counties.	At station. (Inches.)			Estimated depth in adjacent mountains or hills.	Compared with last year.	Compared with av- erage.	Prospective water supply considered with average.
		On ground at end of month.	Total snowfall for the month.	Total precipitation for the month.				
<i>Great Salt Lake Watershed.</i>								
Brigham City	Boxelder	1.3	1.81	..				
Corinne	do	0.0	1.28	..				
Garland	do	0.0	1.17	..				
Grouse Creek	do	1.2	0.23	..				
Lemay	do	0.2	0.09	..				
Lucin	do	0.0	0.10	4				
Snowville	do	0.0	6.3	0.72				
Standord	do	0.0	0.84	..				
Tremonton	do	0.0	0.85	..				
Clarkston	do	0.0	0.59	..				
Logan	do	0.0	1.31	62				
Richmond	do	1.8	1.26	63				
Farmington	Morgan	0.0	0.40	..				
Morgan	Rich	0.0	T.	0.22				
Meadowville	do	..	..	18				
Woodruff	do	..	..	30				
Big Cottonwood Nursery	Midvale	0.0	1.7	0.80	4			
Midvale	Summit	8.0	0.81	24				
Casterrock	Henefer	0.0	1.93	0				
Kamas	do	..	..	36				
Park City	Pine View	0.0	6.0	1.43	36			
Center	do	11.5	0.60	18				
Government Creek	Tooele	T.	0.78	21				
Ibapah	do	11.0	1.82	24				
Iosepa	do	1.8	0.50	..				
Low	do	0.0	7.6	1.47	6			
Alpine	do	0.0	T.	0.22				
American Fork	Utah	9.5	1.15	36				
Elberta	do	3.0	0.51	..				
Lehi	do	0.0	1.25	66				
Peyson	do	0.0	5.0	1.22				
Provo	do	0.0	6.0	1.15				
Santaquin	do	7.0	1.76	..				
Spanish Fork	Thistle	do	10.6	1.81				
Thistle	Heber	do	7.0	0.86				
Heber	Wasatch	do	0.0	6.0	1.29			
Snake Creek	do	0.0	6.0	1.15				
Ogden	Weber	0.0	1.58	54				
<i>Sevier Lake Watershed.</i>								
Beaver	Beaver	0.0	3.0	0.55				
Minersville	do	0.0	0.0	35				
Nada	do	0.0	0.6	0.25	19			
Panguitch	Garfield	0.0	0.0	T.	24			
Modena	Iron	0.0	4.2	0.40	0			
New Castle	do	0.0	0.0	13	48			
Parowan	do	0.0	3.5	0.56	..			
Levan	Jumb	0.0	12.5	1.42	60			
Mills	do	0.0	0.0	39	36			
Nephi	do	0.0	0.0	98	30			
Black Rock	Millard	2.0	0.31	..				
Deseret	do	4.0	0.33	..				
Fillmore	do	8.0	1.06	..				
Kanosh	do	7.0	1.51	..				
Oak City	do	6.0	1.64	..				
Scipio	do	6.0	1.34	..				
Scipio (near)	do	6.5	0.93	24				
Marysville	Plute Dam	0.0	T.	30				
Plute Dam	Manti	0.0	0.0	0.01	0			
Sanpete	do	5.0	5.0	0.72	..			
Moroni	do	11.0	1.27	..				
Utah Experiment Station	do	35.0	29.4	2.08	..			
Richfield	do	0.0	0.0	0.50				
Belvoir Ranger Station	do	0.0	0.0	15	+			
<i>Green and Colorado Rivers Watershed.</i>								
Price	Carbon	0.0	T.	0.10				
Sequatchie	do	9.7	0.33	24				
SunnySide	do	11.0	1.25	30				
Duchesne	do	1.0	0.10	24				
Castle Dale	Emery	0.0	0.0	0				
La Sal	do	0.0	T.	T.	24			
Emery	Garfield	0.0	T.	T.				
Apopka	do	0.0	0.0	0.00				
Thompson	Grand	0.0	0.0	0.00				
Orderville	Kane	0.0	0.0	0.20				
Dragon	Uinta	0.0	0.31	9				
Ft. Duchesne	do	..	..	28				
Manilla	do	7.0	0.67	..				
Vernal	do	4.2	0.21	..				
Teasdale	Wayne	8.0	0.61	..				
Enterprise	Washington	2.8	0.27	30				
Leeds (near)	do	0.0	0.0	35				
Hurricane	do	0.0	0.0	10				
New Harmony	do	..	..	..	
Pine Valley	do	T.	1.10	1.15				
Mill Creek	do	0.0	5.0	0.66	+			
Bear	St. George	0.0	0.0	0.59				
Mill Creek	Springdale	0.0	T.	0.14	+			

+ Indicates more; - indicates less, and * indicates average.

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1000 FLOOD LEVELS, MEXICO, 1910.



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U. S. DEPARTMENT OF AGRICULTURE
WEATHER BUREAU
CHARLES F. MARVIN, CHIEF

CLIMATOLOGICAL DATA

UTAH SECTION

APRIL, 1915

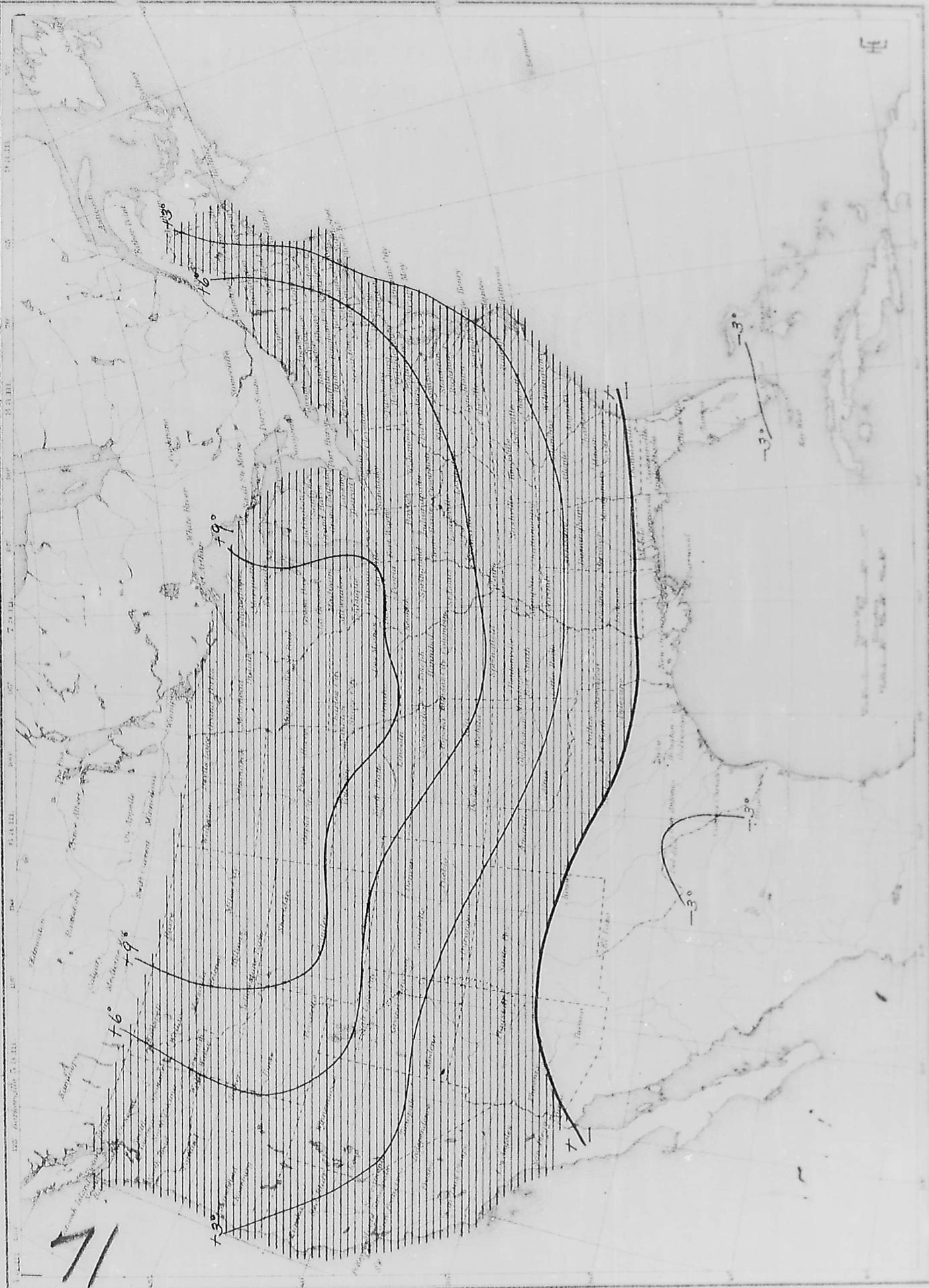
BY
ALONZO A. JUSTICE
ACTING SECTION DIRECTOR



SALT LAKE CITY, UTAH
WEATHER BUREAU OFFICE
MAY 20, 1915.

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לעומת היפך, מושג זה מושג על ידי מושג אחד בלבד.



U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

UTAH SECTION.

ALONZO A. JUSTICE, Acting Section Director.

VOL. XVII. SALT LAKE CITY, UTAH, APRIL, 1915.

No. 4.

GENERAL SUMMARY.

April, 1915, was in respect to temperature and precipitation an exceptional month. Within the last 24 years, or since the beginning of records, no other April has had as high a mean temperature, and only three have had as much moisture. The mild weather and well distributed showers greatly benefitted farms and ranges; vegetation which was somewhat backward at the beginning, was from one to two weeks ahead of the season at the end of the month. Practically everywhere there was sufficient moisture in the ground for the germination of seeds. Fruit trees bloomed early and a number had reached a stage when there was no longer any danger from light frosts.

The outlook for the farmer was very favorable up to the close of the month when a storm on the last day overspread the State bringing snow and freezing temperatures to a great many places. While little or no actual damage from this storm occurred in April, yet the reports coming in on the morning of May 1st gave accounts of much fruit injured from the low temperatures occurring in the early morning, the greatest damage being reported from the central and southern counties.

The outlook for water in the coming irrigation season remained about the same as at the end of March. It appears that in the northern half of the State and southward along the Sevier River watershed snow in the mountains is generally below the average, the deficiency being most pronounced in the extreme northern portion; while in the southern portion, especially in the extreme southwest, the snow is above the average and the water prospects are very good.

PRESSURE.

The monthly mean atmospheric pressure for the State, reduced to sea level, was 29.84 inches, obtained from data at Salt Lake City and Modena.

The highest was 30.32 inches at Salt Lake City on the 1st. The lowest was 29.18 inches at Salt Lake City on the 30th.

TEMPERATURE.

The monthly mean temperature for the State as determined from 77 stations was 51.7° , which is 3.7° above the normal, and 2.6° above the average of April last year. There was an excess at every station having a normal, the excess ranging from 1.3° at Emery and Modena to 8.1° at Logan. The highest local mean, 59.0° , occurred at St. George, and the lowest, 38.9° , occurred at Manila.

There were no periods of decidedly high or low temperatures, but the monthly excess was caused by the uniformly high daily means. At Salt Lake City the mean was normal or above on every day except the 30th, and at this station the monthly mean was the highest since records began in 1875.

The highest temperature reported was 88° on the 12th at Iosepa, and the lowest was 15° at Scofield on the 10th.

The greatest daily local range was 54° at Iosepa on the 16th.

HUMIDITY.

At Salt Lake City the mean relative humidity at 6 a. m. was 62 per cent, and at 6 p. m. 45 per cent. At Modena at 6 a. m. it was 73 per cent, and at 6 p. m. 37 per cent.

PRECIPITATION.

The average precipitation for the State was 1.72 inches, or 0.52 inch above the normal, but the precipitation was not quite so great as for the corresponding month last year. Excepting Kelton, Richfield and Salt Lake City the local monthly amounts were above normal at all stations.

There were three distinct rainfall periods, namely: from the 3d to the 8th, 13th to 24th and 28th to 29th, the heaviest amounts falling as a rule during the last period. The monthly totals ranged from 0.11 inch at Kelton in Boxelder county to 5.00 inches at Pine Valley in Washington county.

The average snowfall for the State was 1.0 inch, practically all of which fell on the 30th except at the very high elevations.

WIND.

The prevailing direction of the wind for the State was from the south. The average velocity at Salt Lake City was 8.1 miles per hour; the highest 56 miles per hour from the northwest on the 3d; and the prevailing direction from the southeast. At Modena the average velocity was 10.8 miles per hour; the highest 56 miles per hour from the south on the 21st; and the prevailing direction from the southwest.

SUNSHINE AND CLOUDINESS.

The monthly percentage of possible sunshine was 83 at Salt Lake City, and 57 at Modena.

For the State the average number of clear days was 10, partly cloudy, 10; and cloudy, 10.

COMPARATIVE DATA FOR APRIL.

Year.	Temperature.			Average precipitation.	Total snowfall.	Number of days			Prevailing wind.
	Mean.	Highest.	Lowest.			Rainy (0.01 inch or more),	Clear,	Partly Cloudy,	
1891	46.8	87	11	1.06	3.7	5	9	13	N.W.
1892	44.4	88	1	1.15	3.2	5	14	8	N.W.
1893	45.8	91	4	0.86	4.4	4	14	8	N.W.
1894	49.2	94	5	0.58	1.2	2	18	8	S.W.
1895	41.0	87	- 1	1.07	5.4	5	14	9	S.W.
1896	47.0	93	6	0.89	4.0	5	15	10	S.W.
1897	51.5	98	8	0.72	3.4	4	16	8	S.W.
1898	48.2	90	11	0.58	2.8	3	15	9	S.W.
1899	45.7	88	10	2.46	7.1	10	6	10	S.W.
1900	46.2	89	0	0.69	5.4	4	14	9	S.W.
1901	48.5	94	7	1.16	1.3	4	15	8	S.W.
1902	46.0	95	4	1.01	3.5	5	15	8	S.W.
1903	48.2	94	10	0.76	4.5	3	16	8	N.
1904	48.7	88	9	1.47	1.2	6	13	9	S.W.
1905	48.0	94	5	2.10	6.8	8	12	9	N.
1906	50.6	95	2	0.96	1.0	5	12	10	S.W.
1907	49.4	89	1	0.49	1.6	3	17	8	S.
1908	44.7	87	- 2	1.18	4.3	5	14	8	S.W.
1909	51.3	95	7	0.39	1.1	2	16	8	N.
1910	46.4	88	- 2	0.80	1.8	4	14	8	S.W.
1911	43.2	88	- 3	1.44	7.8	7	11	9	S.
1912	47.6	90	0	0.76	1.9	3	14	7	S.
1913	49.1	91	14	1.94	1.3	8	9	9	S.
1914	51.7	88	15	1.72	1.0	8	10	10	S.
1915									

GREAT SALT LAKE WATER LEVEL RECORDS AT SALT AIR.

(Feet and tenths.)

Zero of gage is 4,212.9 feet above sea level.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
1915	{ 1st +5.6 +5.7 +6.0 +6.2												
	15th +5.6 +5.8 +6.1 +6.3												

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CLIMATOLOGICAL DATA: UTAH SECTION

APRIL, 1915.

Climatological Data for April, 1915.

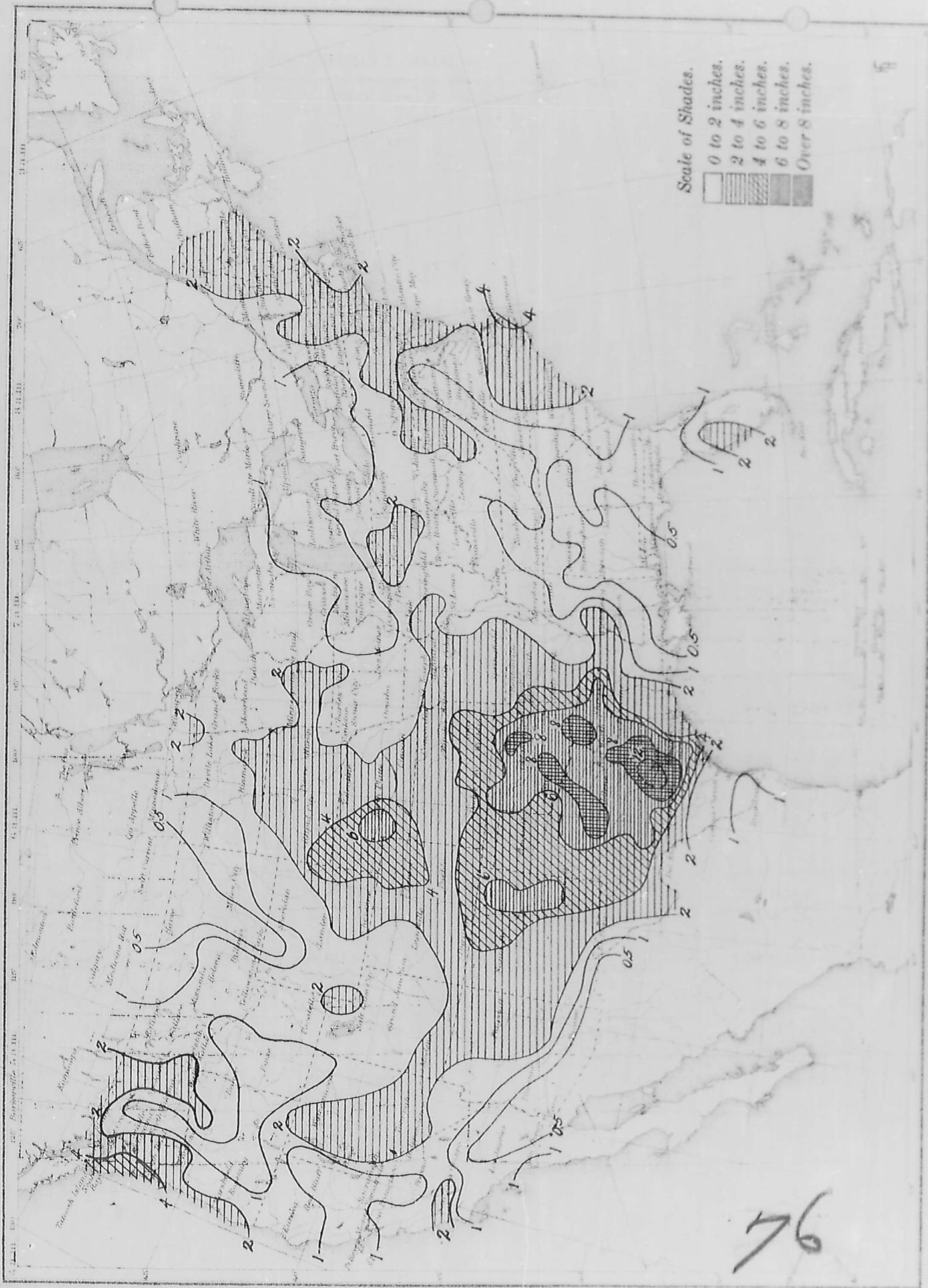
Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.				Precipitation, inches.			Number of days	Prevailing direction of wind.	Observers.						
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.						
Beaver.....	Beaver.....	6,000	10	48.0 + 2.9	77	14	24 ^f	10	45 ^f	1.31 + 0.31	0.36	5.0	9	11	16	3	s.		
Black Rock.....	Millard.....	4,872	11	51.1 + 3.1	79	12	23	10	52	1.07 + 0.14	0.35	T.	4	2	13	15	s.		
Blanding.....	San Juan.....	6,000	7	49.2 +	69	12	29	30	33	2.77	.....	0	8	15	2	13	s.	
Bluff.....	Boxelder.....	4,200	2	58.0 +	82 ^a	28	33	11	40 ^a	1.60	.....	1.00	.....	.....	.....	2	.....	.....
Brigham City.....	Sevier.....	6,800	3	44.2 +	67	20 ^f	23 ^a	11	41 ^a	1.00	.....	0.90	.....	2	.....	.....	.....	.....
Burrville.....	Emery.....	5,500	15	53.8 + 7.8	80	19	32	14	37	1.20 + 0.59	0.60	.....	4	22	5	3	.....	.....
Castle Dale.....	Iron.....	5,750	10	.....	66	28	.....	.....	.....	1.52	.....	0.37	.....	14	6	17	7	.....
Cedar City.....	Tooele.....	4,250	3	50.0 +	75	28	19	10	48	1.17	0.25	.....	9	8	14	8	s.	
Center.....††	Boxelder.....	4,240	44	53.8 + 3.5	83 ^a	28	31	4	40 ^a	1.66 + 0.55	0.75	0	5	10	7	13	.....	.....
Corinne.....	Millard.....	4,541	19	53.2 + 5.4	78	12	27	10	47	0.99 + 0.12	0.27	2.0	7	4	9	17	s.	.....
Desret.....	Uinta.....	6,210	4	51.2 +	76	28	28	1	43	1.74	0.30	.....	0	13	20	9	10	s.
Dragon (near).....††	Duchesne.....	5,500	7	51.0 +	75	27 ^f	27	2	40	1.95	0.44	.....	13	4	10	16	.....	.....
Duchesne.....	Wasatch.....	7,650	2	.....	66	28	.....	.....	.....	1.52	.....	0.37	.....	.....	.....	.....	.....	.....
Elberta.....	Utah.....	4,650	12	53.8 + 4.2	82 ^a	28	29	1	45 ^a	1.41 + 0.63	0.66	.....	11	11	14	5	n.	.....
Emery.....	Millard.....	6,200	13	45.8 + 1.3	69	27	20	1	33	0.30 + 0.02	0.29	3.0	2	4	22	sw.	.....	.....
Farmington.....	Davis.....	4,268	13	54.6 + 6.4	81	28	34	1	38	2.44 + 0.46	0.86	0	8	20	9	1	sw.	.....
Fillmore.....	Millard.....	5,100	22	54.2 + 5.6	80	12	30	4	40	2.09	0.36	1.10	1.5	10	.....	.....	.....	.....
Ft. Duchesne.....	Uinta.....	4,941	26	52.6 + 4.6	77	28	25	1	42	1.98 + 1.46	0.45	0	13	16	11	3	w.	.....
Fruitland.....	Duchesne.....	6,725	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Garfield.....	Boxelder.....	4,248	2	53.8 +	81 ^a	28	30	11	36 ^a	2.00	0.61	0	14	13	14	3	s.
Garrison.....	Millard.....	4,850	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Government Creek ††	Tooele.....	5,277	13	51.6 + 5.4	75	28	29	9 ^f	33	2.55 + 1.49	0.68	1.0	15	8	17	5	s.	.....
Green River.....	Emery.....	4,700	14	55.8 + 4.2	85 ^a	28	31 ^a	24 ^a	44 ^a	0.68 + 0.15	0.43	0	4	10	16 ^b	3 ^b	sw.	.....
Hanksville.....	Wayne.....	4,200	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Heller.....	Wasatch.....	5,593	21	49.2 + 5.2	75	13	24	1	42	1.49 + 0.21	0.30	.....	13	2	11	10	s.	.....
Henefer.....	Summit.....	5,701	14	50.4 + 6.8	78	28	24	1	45	2.49 + 0.83	0.95	0	13	6	12	12	w.	.....
Ibapah.....	Tooele.....	7,500	9	49.4 +	77	12	22	1	48	2.08	0.45	.....	10	9	14	7	sw.	.....
Josepha.....	Boxelder.....	4,350	3	56.0 +	88	12	28	4 ^f	54	1.30	0.51	1.0	8	20	7	3	s.	.....
Kanab.....	Kane.....	4,925	6	.....	.....	.....	.....	.....	.....	1.88	0.39	7.0	10	.....	.....	.....	.....	.....
Keilton.....	Boxelder.....	4,230	34	52.6 + 2.5	78	28	28	6	36	0.11 + 0.57	0.11	0	1	0	24	6	sw.	.....
La Sal.....	San Juan.....	7,000	11	47.9 + 3.7	69 ^a	12 ^f	28 ^a	1	33	1.13 + 0.36	0.64	T.	5	4 ^b	19 ^b	6 ^b	.....	.....
Leeds (near).....††	Washington.....	3,400	2	58.7 +	83 ^a	12	39	16	37 ^a	3.09	0.85	5.0	5	6	3	21
Lethi.....††	Utah.....	4,550	1	55.7 +	80 ^c	28	31 ^b	11 ^f	39 ^c	1.95	.....	0.40	0	9	15 ^b	5 ^b	.....	.....
Leyman.....	Boxelder.....	4,221	3	56.2 +	75	20 ^f	37	4	24	1.62	0.90	0	4	14	11	5	.....	.....
Levan.....	Juab.....	5,010	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Logan.....	Cache.....	4,507	23	55.5 + 8.1	79	28	35	4	35	1.94 + 0.32	0.66	0	8	12	13	5	.....	.....
Low.....††	Tooele.....	4,602	3	54.4 +	78 ^a	27	32	4 ^f	35 ^a	1.15	0.60	T.	5	4	17	n.	.....	.....
Lower American Fork, ††	Salt Lake.....	5,063	1	55.8 +	81	28	31	1	34	2.39	0.70	.....	9	11	10	9	n.	.....
Lower Mill Creek, ††	Boxelder.....	4,504	1	56.0 +	80	28	37	11 ^f	32	2.17	0.79	T.	8	7	9	14	sw.	.....
Lucin.....	Uinta.....	6,225	4	38.9 +	63	18	16	1	36	2.70	0.80	0	7	17	9	4	e.	.....
Manti.....	Sanpete.....	5,575	19	48.2 + 1.9	74	12 ^f	26	4 ^f	51	1.40 + 0.45	0.64	1.6	6	6	0	5	25
Marysvale.....	Pinto.....	6,180	13	48.0 + 3.3	74	11 ^f	22	10	46	0.53 + 0.27	0.23	0	6	3	12	15	s.	A. Saylor.	
Meadowlake, ††	Rich.....	6,200	13	47.8 + 7.1	72	13	26	17	41	1.80 + 0.01	1.02	0	6	15	9	6	.....	J. S. Meier.
Midvale.....	Boxelder.....	4,235	2	57.4 +	74 ^a	28	45	4	18 ^a	1.80	0.40	0.29	0	3	12	11	.....	Stella M. Gibson.
Missoia.....	Salt Lake.....	4,365	3	57.4 +	74 ^a	28	28	1	45	1.93	1.26	0	9	16	11	3	.....	E. D. Cannon.
Mitford.....	Grand.....	4,000	24	58.0 + 2.3	84	27	33	1	42	1.02 + 0.51	0.51	0	7	4	19	7	.....	Delta Land & Water Co.
Moab.....	Iron.....	5,479	13	48.2 + 1.3	72	12	26	30	42	2.38 + 1.59	0.97	1.6	13	7	7	16	sw.	Henry Crouse.	
Modena.....	San Juan.....	7,050	6	47.4 +	67 ^a	28	25	30	34 ^a	2.70	0.95	.....	13	12	16	2	sw.	U. S. Weather Bureau.
Monticello.....	Morgan.....	5,068	10	52.9 + 7.2	81	28	28	3	46	1.54 + 0.23	0.66	7	.....	.....	.....	.....	.....	E. H. Barton.
Moroni.....	Sanpete.....	6,000	6	50.8 +	74 ^a	28	29 ^a	30	35 ^a	1.63	0.47	0	11	1	12	17	sw.	E. O. Kingston.	
Mosion.....	Utah.....	4,510	2	53.0 +	77	29	29	1	42	1.03	0.45	0	9	8	15	7	.....	Mosida Fruit Lands Co.
Mountain Home.....	Duchesne.....	6,000	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Oscar Wilkins.
Nephil (near).....	Juab.....	5,119	9	51.6 +	78	28	16	30	42	1.50	0.64	.....	10	4 ^b	13 ^b	10 ^b	sw.	J. W. Jones.
Oak City.....	Millard.....	4,900	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Jos. L. Anderson.
Ogden.....	Weber.....	4,310	43	57.4 + 5.1	85	28	35	11 ^f	32	1.87 + 0.42	0.52	0	10	24	4	2	.....	Ralph Shorten.
Panguitch.....	Garfield.....	6,560	2	44.8 +	70	12 ^f	19	5 ^f	44	1.70 + 0.73	0.73	0	3	13	9	8	sw.	H. L. Strombel.	
Park City.....	Summit.....	7,000	14	46.8 + 7.0	70	28	23	1	38	1.63 + 0.40	0.42	T.	10	9	0	21	n.	Geo. Cunningham.	
Parowan.....	Iron.....	5,970	23	49.8 + 2.9	73	12 ^f	26	30	40	1.28 + 0.20	0.33	.....	8	11 ^b	13 ^b	10 ^b	.....	Alex Matheson.
Pine View.....††	Summit.....	6,335	2	46.6 +	67	12	23	1	38	1.50 + 0.50	0.50	5	.....	.....	.....	.....	.....	Granville Deming.
Pinto.....	Washington.....	5,907	16	45.2 + 5.1	71 ^a	12 ^f	20 ^a	4	48 ^a	2.02 + 1.09	0.56	5.5	8	9 ^b	13 ^b	7 ^b	s.	J. H. Harrison.	
Price.....	Carbon.....	5,557	3	53.4 +	79 ^b	28	28 ^b	3	43 ^b	1.79	0.75	0.5	8	12	10	8	w.	Roy Barker.	
Provo.....	Utah.....	4,532	20	53.1 + 3.6	81 ^b	28	27 ^b	1	46	2.55 + 1.15	0.60	.....	11	23	6	1	.....	Reclamation Service.
Ranch.....	Kane.....	6,700	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. W. Seaman.
Richfield.....	Sevier.....	5,350	20	50.9 + 3.6	83	12	24	1	51	0.70	0.00	0.30	3	.....	.....	.....	.....	Simon Christensen.
Riverville.....††	Weber.....	4,310	1	56.1 +	80	28	35	9	33	1.46	0.56	0	7	14	15	1	sw.	Eugene Bone.	
Sahara, ††	Iron.....	5,209	2	49.4 +	75	12	26	10 ^f	46	2.49	0.58	2.0	12	19	5	6	sw.	Earl Markwith.	
Saltair.....	Washington.....	2,880	27	59.0 + 1.7	86 ^a	20 ^f	33	15	41 ^a	0.51	.....	8 ^b	2 ^b	12 ^b	.....	.....	Ray Smith.	
SALT LAKE CITY.....	Salt Lake.....	4,220	11	55.2 + 5.2	71	28 ^a	38	4	21	2.32 + 0.81	1.37	0	13</td						

Daily Precipitation for April, 1915.

Daily Temperatures for April, 1915.

Stations.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Black Rock.....	65	74	74	71	65	62	68	58	63	73	73	79	76	68	67	73	75	69	64	65	66	76	74	77	76	62	62	48	68.5			
	Maximum 25	24	41	25	36	38	28	40	25	23	37	30	35	43	34	30	32	34	39	42	42	40	40	36	34	35	44	25	25	21.7		
Blanding.....	66	66	67	64	61	48	61	58	65	65	67	69	66	65	55	57	55	50	61	55	56	56	62	66	68	61	61	44	61.1			
	Maximum 33	33	39	34	43	45	39	31	37	37	35	42	42	40	37	37	34	41	33	41	39	37	34	36	33	37	44	44	44	37.3		
Burville	42	48	49	57	61	59	60	58	59	60	65	63	58	69	58	59	60	63	58	67	69	53	55	55	59	60	67	67	67	59.3		
Castle Dale.....	23	27	24	23	30	30	29	25	25	29	30	35	36	33	31	30	28	27	29	30	25	25	32	30	35	34	34	34	34	29.2		
Corinne	60	65	63	68	70	61	66	63	61	64	73	73	72	65	60	63	61	55	61	55	56	62	65	75	75	68	68	68	67.8			
Deseret	61	60	64	63	66	65	63	63	63	65	61	70	70	68	67	66	63	61	63	61	62	63	62	63	62	63	61	61	61	61.4		
Deseret	65	71	73	69	67	64	66	60	67	69	74	78	74	66	69	67	60	60	75	75	73	65	65	70	75	77	78	78	78	78.5		
Dragon (near).....	29	31	29	24	45	32	36	40	35	27	39	31	45	45	45	40	34	34	44	44	40	34	34	37	34	34	34	34	34	34.6		
Emery.....	58	65	67	62	60	51	61	63	73	70	73	71	70	64	58	64	66	66	63	60	58	58	64	68	72	75	75	75	75	65.5		
	Minimum 28	29	45	31	40	36	34	39	34	30	35	41	51	39	41	40	34	34	41	40	38	34	37	34	38	38	38	38	38	38.6		
Ft. Duchesne.....	66	69	71	65	60	61	64	60	60	66	75	75	76	71	70	65	68	71	73	70	65	68	67	65	65	65	65	65	65	65.1		
Fruitland	25	27	35	27	40	37	33	40	35	29	36	33	38	38	44	40	35	44	41	40	33	38	38	36	37	38	38	38	38	37.9		
Government Creek.....	60	67	64	61	63	60	61	53	57	66	71	73	70	66	67	58	62	65	69	69	67	65	65	65	65	65	65	65	65	64.5		
Green River.....	31	35	39	30	42	34	38	37	29	33	42	43	44	42	41	43	37	38	42	46	42	40	35	39	35	35	35	35	35	35.9		
Henefer	70	75	79	74	71	65	75	68	73	74	83	80	77	74	78	75	77	73	73	81	81	78	76	76	76	76	76	76	76	74.6		
Ibapah	58	69	64	60	68	66	61	56	64	65	71	70	71	67	64	63	65	65	64	64	63	65	65	65	65	65	65	65	65	65.5		
Kanab.....	22	29	35	30	32	30	36	35	25	24	35	29	38	36	38	42	34	35	35	36	36	37	32	35	35	36	36	36	36	35.9		
Kelton	60	62	63	65	65	63	62	65	69	70	72	68	67	67	62	68	70	72	73	70	67	69	70	72	73	73	73	73	73	73.1		
La Sal.....	31	33	32	30	28	32	40	30	29	38	39	42	43	42	43	43	37	38	42	46	42	40	35	35	35	35	35	35	35	35.8		
Leeds (near) §§.....	70	74	78	78	78	78	69	60	73	70	77	81	83	75	65	70	76	76	76	76	80	69	60	61	62	65	76	77	77	72.3		
Lemay	42	48	45	47	45	45	50	41	46	43	44	44	43	45	46	47	48	48	45	45	45	42	43	41	46	45	51	51	51	45.1		
Lemay	64	66	62	57	61	64	58	58	64	65	66	72	68	65	66	64	63	71	74	73	62	62	63	67	73	75	75	75	75	75.8		
Levan	42	42	39	37	39	41	42	41	42	43	49	50	48	50	47	46	50	52	53	54	54	50	48	47	49	50	50	50	50	49.5		
Logan.....	58	66	40	62	66	65	62	66	69	75	73	74	72	66	67	67	62	68	70	72	73	70	67	69	70	72	73	73	73	73.4		
Low §§.....	36	42	38	35	39	38	45	41	36	38	44	45	51	59	49	44	48	50	47	47	42	41	44	44	44	44	44	44	44	44.6		
Mantle	69	64	60	70	63	65	60	62	68	72	73	71	70	66	62	66	60	68	70	70	70	68	70	70	70	70	70	70	70	68.3		
Lucin	66	65	62	58	67	66	61	64	70	70	75	79	77	67	72	74	73	73	73	68	60	62	66	73	73	73	73	73	73	73.5		
Manti	32	31	31	27	33	36	37	39	32	27	37	34	38	43	47	35	43	37	41	38	32	36	33	34	34	34	34	34	34	34.2		
Meadowville	42	56	45	49	50	51	45	49	44	46	45	40	45	50	48	40	48	50	51	50	51	50	50	50	50	50	50	50	50	50.5		
Millford.....	60	65	62	61	63	62	61	51	61	65	69	72	71	65	65	65	63	67	62	60	55	55	55	60	55	55	55	55	55	54.5		
Moab	69	75	76	72	72	64	67	64	63	74	80	81	79	78	67	72	63	67	74	69	75	74	72	72	72	72	72	72	72	72.5		
Modena	33	34	40	35	52	47	40	40	38	36	38	39	57	44	51	48	44	44	48	50	49	49	49	49	49	49	49	49	49	49.6		
Monticello	30	32	36	27	33	36	33	35	34	30	34	36	32	34	37	35	35	36	34	37	35	33	38	32	32	32	32	32	32	32.6		
Moroni	31	33	47	32	45	32	38	35	34	33	32	41	41	40	35	33	33	33	39	33	33	33	33	33	33	33	33	33	33	33.1		
Mosida	59	63	72	62	69	63	63	60	73	74	75	67	70	67	65	57	63	57	63	57	63	57	63	63	63	63	63	63	63	63.6		
Ogden §§.....	29	33	41	33	39	40	35	41	34	31	38	32	45	44	45	45	43	43	45	42	47	49	40	39	38	38	38	38	38	38.7		
Panguitch	65	69	70	63	67	65	66	59	64	70	81	79	68	68	70	66	64	64	64	64	64	64	64	64	64	64	64	64	64	64.2		
Park City.....	22	23	23	23	19	20	19	21	22	21	28	26	28	26	29	28	29	28	29	28	29	29	29	29	29	29	29	29	29	29.8		
Parowan	65	70	68	67	58	53	64	56	59	70	71	73	69	58	60	66	67	65	67	62	65	64	65	64	65	64	65	64	65	64.1		
Pinto	33	34	34	30	33	32	38	33	30	38	37	43	34	34	30	36	34	39	37	41	40	36	36	37	36	37	36	37	36	36.5		
Provo	62	67	68	65	67	66	63	66	68	69	70	71	68	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67.1		
Richfield	27	29	37	26	40	32	28	38	26	26	34	32	35	33	39	35	30	30	34	35	30	32	32	31	31	31	31	31	31	31.1		
Sahara	65	70	71	70	62	59	64	58	62	69	75	72	75	71	66	61	68	67	69	73	75	77	77	77	77	77	77	77	77	77.1		
St. George	29	28	33	27	38	33	33	37	31	24	32	30	32	37	25	26	28	30	37	31	27	30	27	26	26	26	26	26	26	26.4		
SALT LAKE CITY.....	60	69	67	64	65	61	64	66	59	66	73	77	75	65	62	60	63	67</td														

Total Precipitation, April, 1915.



CLIMATOLOGICAL DATA: UTAH SECTION

APRIL, 1915.

Daily Precipitation for April, 1915.

Continued from page 35.

Stations.	Day of month.																													Total.									
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31								
Saltair	.25	.06	.01	...	03	1.37	...	...	...	...	...	T.	.02	T.	.26	.03	T.	.02	...	T.	.05	.01	...	...	...	...	...	...	...	...	...	...	...	...
SALT LAKE CITY ***	.21	.03	25	.94	...	...	...	...	...	...	...	T.	T.	T.	.02	T.	T.	T.	.07	.05	T.	...	...	...	...	...	...	...	...	...	...	...	...	...	2.32				
Santaquin	.11	.03	T.	T.	.89	...	...	...	...	...	...	T.	.23	T.	.12	T.	.11	...	T.	.10	.15	.01	.04	...	T.	...	...	...	...	...	...	...	...	...	...	1.88			
Scipio	.10	...	...	...	...	...	...	...	...	...	...	T.	T.	T.	.54	.04	...	...	...	T.	.09	T.	.21	...	...	...	...	...	...	...	...	...	...	...	2.00				
Scipio (near)	.22	.03	.02	.04	.22	...	...	...	...	...	...	T.	T.	T.	.01	.18	.02	T.	T.	T.	T.	.09	T.	...	...	...	...	...	...	...	...	...	...	...	2.15				
Scofield	...	(C)	...	...	...	...	...	...	...	...	...	.10	.15	.35	.05	.06	.01	.05	.05	.02	.01	.42	...	...	...	...	...	...	...	...	...	...	...	1.06					
Silver City	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2.79		
Snake Creek	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.94		
Snowville	.93	16	.39	...	...	...	...	...	...	...	...	T.	...	28	...	.04	...	T.	.01	.14	.04	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Spanish Fork	.18	.06	.08	...	20	1.09	T.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2.60	
Springdale	...	(C)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2.19
Standrod	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2.99
Sunnyside	...	(C)	...	...	...	...	...	...	...	...	...	T.	.08	T.	T.	...	...	T.	.20	.05	.12	T.	.14	.11	.05	.09	.12	...	...	...	...	...	...	...	...	...	...	...	1.49
Teasdale	...	(C)	...	...	...	...	...	...	...	...	...	T.	T.	T.	.03	T.	.30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.18	
Thistle	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2.14
Thompson's	...	(C)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.50
Tooele	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2.35
Tremonton	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.46
Tropic	...	(C)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.54
Trout Creek Ranger	...	(C)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
University of Utah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3.58
Utah Experiment Station	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vernal	...	(C)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vernon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.69
Victor	...	(C)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wendover	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.95
Whiskey Creek	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.70
Winder	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.76
Woodruff	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11.98
Woodside	...	(C)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.82

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation.

||| Precipitation measured in the morning; amount then recorded is for the preceding 24 hours.

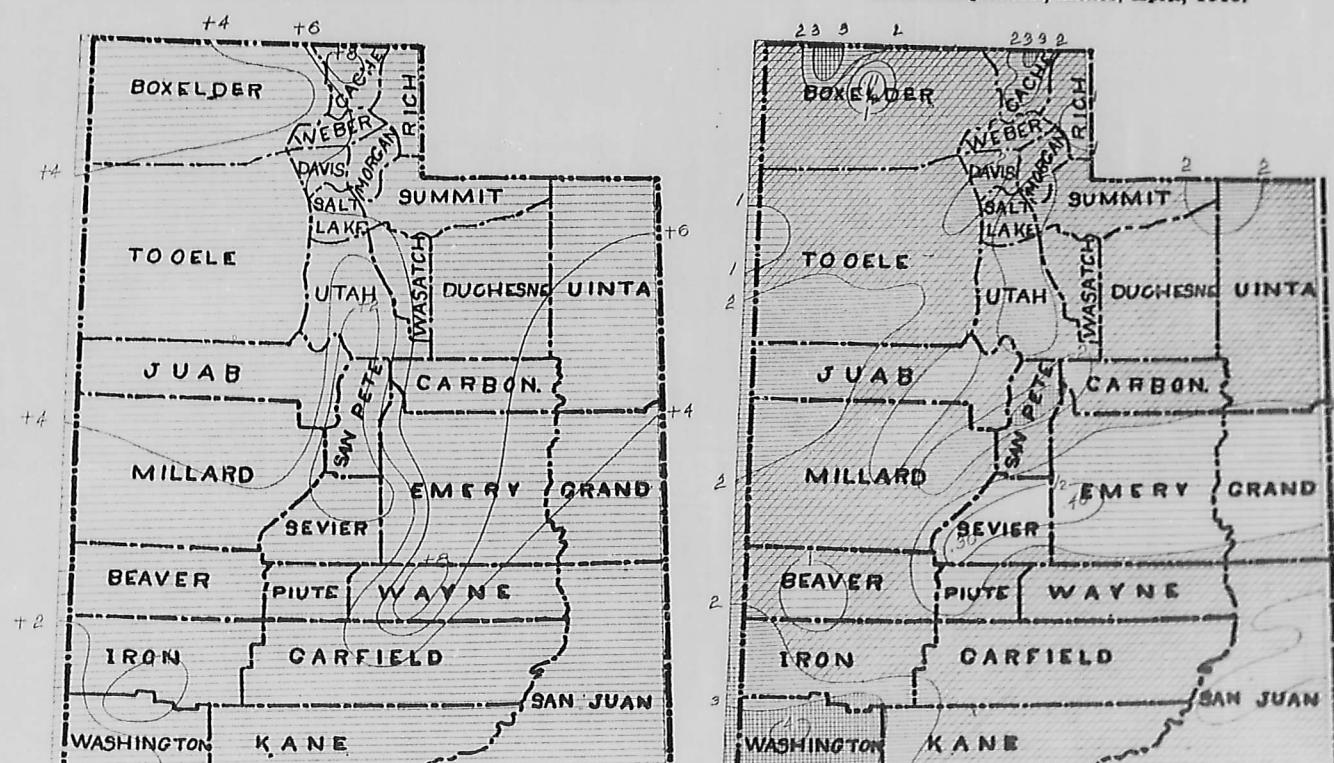
*** Regular Weather Bureau station; precipitation is for the 24 hour period, midnight to midnight.

* Precipitation included in the next following measurement. † Separate dates of falls not recorded. T. Indicates Trace, or less than 0.01 inch of rain or melted snow.

All stations are in the Great Basin except those marked (C) which are in the Colorado River drainage area.

Departure of Mean Temperature from the Normal, April, 1915.

Total Precipitation, inches, April, 1915.



U. S. DEPARTMENT OF AGRICULTURE
WEATHER BUREAU
CHARLES F. MARVIN, CHIEF

CLIMATOLOGICAL DATA

UTAH SECTION

MAY, 1915

BY
ALFRED H. THIESSEN
SECTION DIRECTOR



SALT LAKE CITY, UTAH
WEATHER BUREAU OFFICE
JUNE 17, 1915.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

UTAH SECTION.

ALFRED H. THIESSEN, Section Director.

VOL. XVII. SALT LAKE CITY, UTAH, MAY, 1915. No. 5.

GENERAL SUMMARY.

The month of May was one of the wettest on record, there having been but two previous years since 1892 when the monthly amounts for May exceeded that of the present month. The temperature averaged below normal, and the month as a whole was the coldest May since 1909. The heavy frost on the last day of April and on May 1st and 2d killed considerable fruit in Utah, Juab, San Pete and Millard counties, and at other places in the southern portion of the State. Damage to garden truck and alfalfa was also reported, and in some places the latter crop had to be cut to give it a fresh start. Hail on the 27th damaged crops to some extent. Considerable alfalfa was cut during this month, but curing was difficult and much of it was damaged due to the frequent rains. The excessive moisture was of great benefit to dry-farming products, however, and the opinion is expressed that sufficient rains have fallen to insure successful crops.

Irrigation water was abundant at the end of the month, and some snow was reported as having fallen in the mountains thus supplementing to some extent that already stored there, which was considered short.

PRESSURE.

The monthly mean atmospheric pressure for the State, reduced to sea level, was 29.80 inches, obtained from data at Salt Lake City and Modena.

The highest was 30.16 inches at Salt Lake City on the 15th.

The lowest was 29.37 inches at Salt Lake City on the 17th.

TEMPERATURE.

The monthly mean temperature for the State as determined from 75 stations was 52.6° , which is 1.6° below the normal, and 5.6° lower than the May average last year. The local excesses were confined to the northeastern and west-central portions of the State, the greatest being 3.7° at Modena; while the local deficiencies occurred in the northwestern, southeastern and southern counties, the greatest being 6.5° at Kelton. The highest local mean was 64.2° at Thompsons, and the lowest was 39.6° at Burrville. The lowest temperatures occurred during the first few days of the month, usually on the 1st or 2d. Some very unusually low temperatures for May were reported, the lowest being 5° at Ranch on the 3d, and nearly every station reported minimum temperatures below the freezing point. The maximum temperatures occurred near the middle and last of the month, the highest being 98° on the 12th at Beaver.

The greatest daily local range was 54° at Beaver on the 12th and at Black Rock on the 16th.

HUMIDITY.

At Salt Lake City the mean relative humidity at 6 a. m. was 61 per cent, and at 6 p. m. 39 per cent. At Modena at 6 a. m. it was 72 per cent, and at 6 p. m. 37 per cent.

PRECIPITATION.

The average precipitation for the State was 1.99 inches, or 0.67 inch above the normal. Excepting Logan, Meadowville, Manti and Park City, the local amounts were above normal at all stations. The precipitation over the State was very unevenly

distributed, the local monthly amounts varying from 0.01 inch at Hayden to 4.10 inches at Clarkston. Showers were quite general on the 1st and 2d, while scattered showers occurred on succeeding dates until the 17th when they again became general lasting until the 22d, during which period the heaviest rains of the month occurred. Lighter but important showers were reported during the last week of the month, notably on the 25th and 29th. The heaviest 24-hour amount was 1.70 inches on the 18th at Farmington.

WIND.

The prevailing direction of the wind for the State was from the south. The average velocity at Salt Lake City was 7.9 miles per hour; the highest 34 miles per hour from the southeast on the 17th; and the prevailing direction from the northwest. At Modena the average velocity was 11.6 miles per hour; the highest 59 miles per hour from the southwest on the 17th; and the prevailing direction from the southwest.

SUNSHINE AND CLOUDINESS.

The monthly percentage of possible sunshine was 68 at Salt Lake City, and 60 at Modena.

For the State the average number of clear days was 11; partly cloudy, 10; and cloudy, 10.

CORRECTIONS.

February, 1915.—Farmington, total snowfall 18.5 inches; Green River, highest temperature 50° on the 27th and 28th; Heber, monthly mean temperature 35.8° ; Moroni, total snowfall 21.1 inches; Scipio, monthly mean temperature 32.7° , highest 55° on the 2d; Snowville, greatest 24-hour precipitation .65 inch; Springdale, monthly mean temperature 44.0° . March, 1915.—Price, mean temperature 38.3° .

COMPARATIVE DATA FOR MAY.

Year.	Temperature.			Average precipitation	Total snowfall.	Number of days			Prevailing wind.
	Mean.	Highest.	Lowest.			Rainy (0.01 inch or more).	Clear.	Partly Cloudy.	
1891	54.8	98	20	1.55	9.7	7			
1892	54.8	96	12	0.77	0.1	4	17	5	N.W.
1893	54.8	96	10	0.44	2.1	3	17	4	S.W.
1894	58.2	98	10	0.44	2.1	3	17	4	S.W.
1895	57.0	99	19	1.16	3.3	6	15	9	S.W.
1896	51.0	104	12	1.52	2.3	5	12	12	S.W.
1897	60.2	104	12	0.42	.....	4	15	12	S.W.
1898	53.2	94	20	3.02	.....	11	11	9	S.W.
1899	52.8	96	15	0.79	2.7	4	11	12	S.W.
1900	59.5	101	21	0.36	T.	2	18	8	S.W.
1901	59.3	98	15	1.29	T.	4	14	11	S.W.
1902	56.2	99	13	0.64	0.5	3	17	8	S.
1903	53.3	100	15	1.60	4.4	6	16	8	N.
1904	56.2	100	15	1.71	0.4	6	15	9	N.
1905	52.3	96	18	1.77	1.5	8	12	10	S.W.
1906	55.1	96	13	1.98	0.2	6	15	8	S.W.
1907	52.7	97	16	2.04	0.3	7	10	12	S.W.
1908	50.7	90	11	2.35	6.7	8	11	9	S.W.
1909	52.6	92	10	1.02	0.2	4	16	9	N.W.
1910	57.8	104	15	0.42	0.5	3	16	9	N.
1911	55.0	100	12	0.52	0.8	2	15	10	S.S.
1912	53.9	96	10	0.88	2.1	5	12	10	S.
1913	57.3	107	12	0.48	0.4	2	14	10	S.
1914	58.2	101	17	0.65	T.	5	15	10	S.W.
1915	52.6	98	5	1.99	1.6	9	11	10	S.

GREAT SALT LAKE WATER LEVEL RECORDS AT SALT AIR.

(Feet and tenths.)

Zero of gage is 4,212.9 feet above sea level.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
1915,)	1st +5.6	+5.7	+6.0	+6.2	+6.3								
	15th +5.6	+5.8	+6.1	+6.3	+6.3								

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CLIMATOLOGICAL DATA: UTAH SECTION

MAY, 1915.

Climatological Data for May, 1915.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.			Precipitation, inches.			Number of days	Prevailing direction of wind.	Observers.								
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.											
Beaver.....	Beaver	6,000	10	50.8	- 1.5	98°	12	10°	1	54°	2.31 +1.22	0.51	10	16°	5°	8°	s.	S. Z. Jenkins.		
Black Rock.....	Millard	4,872	11	53.0	- 2.1	86°	16	23	1†	54°	2.07 +1.15	0.97	0	5	4	16	11 s.	Agent Salt Lake Route.		
Blanding.....	San Juan	6,000	7	50.3	.....	79°	12	22	2	31°	1.78	0.45	2.5	8	17	4	10	sw.	E. F. Thompson.
Bluff.....	San Juan	4,200	2	60.0	.....	88°	11	40°	20	41°	.....	.....	.....	18	0	13	.....	E. L. Goodridge.	
Brigham City.....	Boxelder	4,305	2	55.2	.....	81	16	31	1†	23	3.03	.....	0.69	5.0	15	.....	N. Merrill Valentines.		
Burry Dale.....	Sevier	6,800	3	b39.6	.....	69°	23	11°	7	42°	1.60	1.00	0	2	.....	.....	F. R. Curtis.		
Castle Dale.....	Emery	5,500	15	54.4	+ 0.5	82°	12	22	2	37°	0.90 +0.51	0.30	0	5	17	11	3	.....	Miss Fay Jeffs.
Cedar City.....	Iron	5,750	10	53.0	.....	82°	30	24°	2	43°	2.13	0.98	.....	5	17	6	8	sw.	Parley Darley.
Center.....	Tooele	4,250	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	L. C. Peterson.	
Corinne.....	Boxelder	4,240	44	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	A. C. Murphy.	
Deseret.....	Millard	4,541	19	53.7	+ 2.1	85	30	22	1	42	1.77 +0.71	1.15	T.	5	11	5	15	s.	S. W. Western.	
Dragon (near).....	Uinta	6,210	2	52.2	.....	82	12	23	1†	39	0.93	0.51	.....	8	19	4	8	sw.	Homer D. Ford.
Duchesne.....	Duchesne	5,500	7	51.0	.....	82	12	20	2	45	1.32	0.65	0.8	7	7	12	12	w.	M. M. Smith.
East Portal.....	Wasatch	7,650	2	42.0	.....	68	13†	15	2	37	2.55	0.61	.....	14	4	12	15	.....	Reclamation Service.
Elberta.....	Utah	4,650	12	55.2	+ 1.4	86	16	26	1	45	2.37 +1.34	0.61	.....	8	15	7	9	s.	D. C. Walker.
Emery.....	Emery	6,200	18	46.5	- 5.4	71	11	12	1	33	0.97 +0.52	0.67	3.0	2	1	0	30	n.	H. C. Wickman.	
Farmington.....	Davis	4,268	13	55.8	+ 0.1	83	13†	33	1†	40	2.98 +0.18	1.70	0	7	19	7	5	sw.	Chas. Boylin.	
Fillmore.....	Millard	5,100	22	54.9	+ 2.6	88	31	24	1†	43	1.73 +0.18	0.47	.....	11	.....	.....	.....	.....	J. J. Starkey.
Ft. Duchesne.....	Uinta	4,941	26	53.7	+ 2.3	85°	14	25	4	44°	1.29 +0.59	0.54	.....	7	19	7	5	w.	Geo. W. Dickson.
Fruitland.....	Duchesne	6,725	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. E. L. Carey.	
Garrison.....	Boxelder	4,248	2	53.6	.....	80	11	30	4	38	3.88	0.77	1.5	14	8	15	8	s.	J. T. Roberts.
Government Creek.....	Millard	4,850	10	53.2	.....	80	12†	21	1	37	3.28 +1.67	1.10	0	10	16	9	6	s.	E. M. Smith.
Green River.....	Tooele	5,277	13	52.3	.....	80	12†	21	2	38°	2.38	0.75	5.0	8	9	3	19	.....	Walter James.
Hanksville.....	Emery	4,080	14	59.0	- 4.1	92	12	26	3	47	1.18 +0.67	0.56	1.0	5	11	15	5	sw.	E. E. Adams.	
Heber.....	Wayne	4,200	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	E. J. Weber.	
Henefer.....	Wasatch	5,593	21	49.4	+ 2.2	84°	16	20	3	52°	2.03 +0.46	0.40	0	12	10	13	8	s.	John Creek.	
Daugherty.....	Summit	5,301	14	50.9	+ 0.1	82	16	26	3†	50	1.87 +0.02	0.33	.....	15	8	11	12	sw.	Wm. Brewer.
Iosepa.....	Tooele	7,500	9	49.4	.....	81	31	19	1	47	2.24	1.08	.....	7	11	16	4	sw.	W. M. Chastain.
Kanab.....	Kane	4,925	6	.....	.....	88	24†	31*	5	47°	2.33	0.93	1.5	12	20	8	3	n.s.	James K. Halemanu.
Keeton.....	Boxelder	4,230	34	53.3	- 6.5	78	13†	30	3†	36	0.94 +0.10	0.25	0	5	0	29	2	sw.	D. D. Rust.	
Leeds (near).....	San Juan	7,000	11	46.6	- 4.3	76°	12	19†	2	32°	2.18 +1.44	0.65	.....	8	6	7	12	.....	F. W. Klock.
Lehi.....	Washington	3,400	2	58.3	.....	88°	11	30	2	38°	2.38	0.75	5.0	8	9	3	19	.....	La Sal Live Stock Co.
Lemay.....	Utah	4,550	1	55.0	.....	83°	12	28*	1	42°	3.78	1.00	.....	10	10†	9*	8	nw.	B. F. Anderson.
Levan.....	Boxelder	4,221	3	.....	.....	.....	.....	.....	1	50	2.17	0.52	T.	12	10	11	10	s.	Agt. Southern Pacific Co.
Logan.....	Juab	5,010	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Clarence Gardner.	
Low.....	Cache	4,507	24	54.4	+ 0.1	79	31	31	4	33	3.28	0.66	0.80	1.5	12	8	12	11	Experiment Station.
Lower American Fork.....	Tooele	4,602	3	56.2	.....	82°	15	30	2	34°	2.01	1.35	0	5	7	12	12	s.	Agt. Western Pacific Co.
Lower Mill Creek.....	Utah	5,063	6	56.4	.....	84	31	29	2	32°	2.88	0.63	0	11	8	15	8	n.	Utah Light & Power Co.
Lucin.....	Boxelder	4,504	7	53.5	.....	81	16†	30	1	34	3.41	1.15	T.	15	7	6	18	nw.	D. Folker.
Manilla.....	Uinta	6,225	4	b51.6	.....	78	16	27	4	40	0.74	0.24	.....	7	15	14	2	e.	E. C. Puryear.
Manti.....	Sanpete	5,575	19	50.0	- 5.1	71°	29	20†	2†	32°	1.01	0.36	.....	5	12	5	5	.....	D. M. Nelson.
Marysville.....	Plute	6,180	13	49.5	- 1.4	81	13	18	1†	43	1.14	0.00	0.25	T.	9	1	4	26	J. M. Anderson.
Meadowville.....	Rich	6,200	13	48.6	- 0.1	77	13	22	3	46	1.89 +0.97	0.61	T.	7	9	9	13	s.	A. Soryka.	
Midlake.....	Boxelder	4,235	3	58.1	74	31	35	1	36	1.47 -0.32	0.32	2.0	9	9	14	7	10	J. S. Moffat.
Midvale.....	Salt Lake	4,365	2	56.3	.....	88	16	30	2	41	0.70	0.25	0	3	14	4	13	.....	Stella M. Gibson.
Milford.....	Brewer	4,982	6	.....	.....	.....	.....	.....	1	50	2.17	0.52	T.	12	10	11	10	s.	E. D. Camomile.
Moab.....	Grand	4,000	24	60.2	- 3.7	91	12	31	2	43	1.93 +1.20	0.55	T.	9	6	19	6	.....	Delta Land & Water Co.
Modena.....	Iron	5,479	13	50.8	+ 3.7	81	31	25	1	39	0.97 +0.10	0.31	2.8	9	6	13	12	sw.	Henry Cronse.	
Monticello.....	San Juan	7,050	6	47.6	74*	13	19	3	36°	1.56	0.50	0.50	0	9	18	9	4	sw.	U. S. Weather Bureau.
Morgan.....	Morgan	5,068	10	56.6	.....	80	12	21	2	35	1.14	0.40	1.2	9	11	13	sw.	E. H. Barton.	
Mossida.....	Sanpete	6,000	6	50.6	.....	80	12	21	2	35	1.14	0.40	1.2	9	11	13	sw.	G. H. Rubio.	
Mountain Home.....	Duchesne	6,000	1	56.1	.....	82	14†	23*	2	41*	3.21	1.24	.....	11	11	12	16	s.	Oscar Wilkins.
Nephi (near).....	Juab	5,119	9	b51.4	.....	82*	17	23*	2	41*	3.21	1.24	.....	11	11	12	16	s.	J. W. Jones.
Oak City.....	Millard	4,900	7	.....	.....	.....	.....	.....	2	41*	3.21	1.24	.....	11	11	12	16	s.	Jos. L. Anderson.
Odgen.....	Weber	4,310	48	56.9	+ 4.3	87	31	32	14	33	2.67 +0.88	0.70	3.0	11	20	7	4	s.	Ralph Shorten.	
Panguitch.....	Garfield	6,560	2	48.2	.....	79°	31	21	3	43	0.79	0.31	0.31	5	19	8	4	s.	D. L. Strode.
Park City.....	Summit	7,000	14	47.4	+ 1.1	72	16	22	2†	36	0.31	-1.06	0.20	2.0	6	6	13	12	s.	Geo. Cunningham.
Parowan.....	Iron	5,970	23	52°	- 0.8	80°	31	21*	2	40°	1.71 +0.64	0.48	0	10	16	6	9	.....	Alex Matheson.
Pine View.....	Summit	6,335	2	47.2	76°	16	22*	3†	39	2.20	0.80	0	5	8	16	6	9	Franklin Deming.
Pinto.....	Washington	5,907	16	44.8	- 4.6	78°	31	19*	2	46	3.31 +2.42	1.08	.....	7	8	17	19	s.	J. H. Garrison.
Pruce.....	Carbon	5,557	3	53.8	.....	80	11	26	3	40	1.64	0.50	0	8	16	6	9	.....	Roy Barker.
Provo.....	Utah	4,582	20	53.3	- 3.9	83°	16	25*	1	45	2.81 +1.06	0.59	0	10	16	12	12	.....	Reclamation Service.
Ranch.....	Kane	6,700	12	46.2	+ 2.0	75°	31	5	3	40°	2.81 +1.87	1.20	.....	9	14	13	4	s.	J. W. Seaman.
Ridgfield.....	Sevier	5,350	20	52.7	- 0.1	88*	13	20	2	50°	1.28 +0.80	0.52	.....	6	10	17	4	sw.	Simon Christensen.
Riverdale.....	Weber	4,310	1	56.2	.....	83	17†	32	14	44	2.70	1.54	4.0	8	16	11	4	sw.	Eugene Bone.
Sahara.....	Iron	5,200	2	51.9	.....	87	31	24	4	44	1.81	0.63	1.5	9	20	5	6	sw.	Earl Markwith.
St. George.....	Washington	2,880	27	62.6	- 4.0	94°	12	32	47°	4.89 +0.53	0.37	0.9	6	20	2	9	.....	Ray Smith.	
Salt Lake City.....	Salt Lake	4,360	11	56.6	- 0.7	80°	14	37°	14	24	1.28 +0.46	0.64	T.	13	5	11	15	nw.	E. J. Bench.	
Santaquin.....	Utah	5,250	1	54.6	86	17	23	1											

MAY, 1915.

CLIMATOLOGICAL DATA: UTAH SECTION.

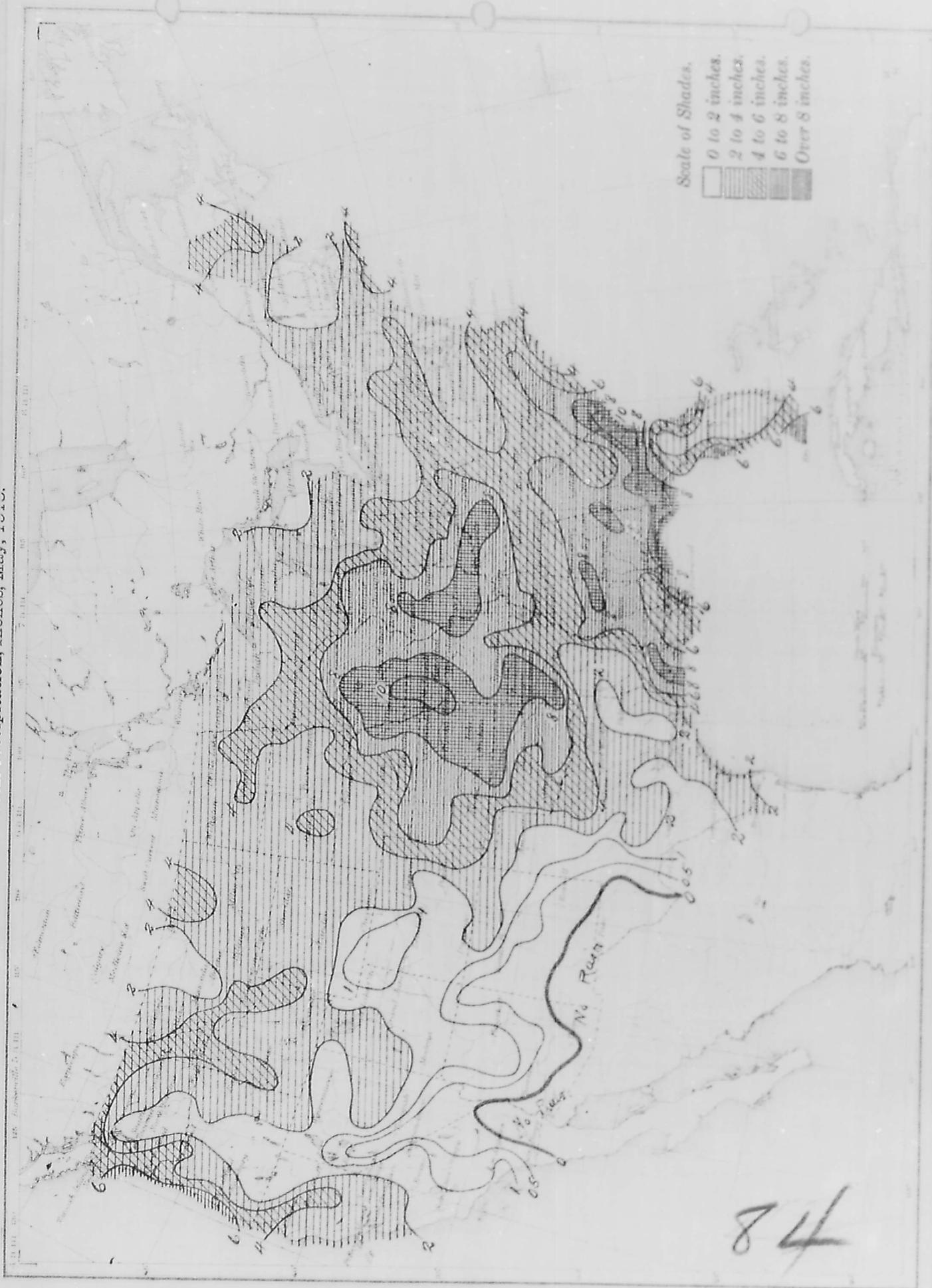
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Daily Precipitation for May, 1915.

Stations.	Day of month.																														Total.			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
Alpine	.13																																2.54	
Baker Ranger Station, (C)		.06	.12	.16	.13																											1.69		
Bonner	.03																															2.31		
Beaver Creek Nursery	.17		T.	.03																												2.12		
Bellcamp Ranger Station																																		
Black Rock																																	2.07	
Blanding	(C)	.05	.17	T.	.40	.17																										1.78		
Bluff	(C)																																	
Brigham City		.21	.29	.21	.06																											3.03		
Burville																																	1.00	
Canman	(C)	.18	.03	.12	.08	.05	.16																									1.69		
Castle Dale	(C)	.30																															1.15	
Castle Rock	(C)	.15	.05	T.																												0.90		
Cedar City		.22																														1.95		
Cedar Fort																																2.13		
Center																																		
Clarkston		.30	.40																														4.10	
Corinne																																		
Cottonwood Nursery		.10	.52	.10	T.	T.																										3.64		
Deep Creek		.13	.05	.10	T.	T.																										3.80		
Desert		T.																														1.77		
Dragon (near)	(C)	.02	T.																													0.93		
Duchesne	(C)	.05	.03																													1.32		
East Portal	(C)	.07	.09																													2.55		
Elberta		T.																														2.37		
Elkhorn	(C)																																	
Emery	(C)	.30																															0.97	
Enterprise		.26	.32	.04	.69																											2.29		
Eureka																																		
Farmington		.26	T.																														2.98	
Filmore		.02	.01																														1.73	
Ft. Duchesne	(C)																																1.29	
Fruitland	(C)																																	
Garrison		.43	.21	.13																													3.88	
Government Creek		.08	.02																															
Grantsville		.11																															3.28	
Green River	(C)	.06																															1.95	
Grouse Creek		.20	.15	.05																												1.18		
Hanksville	(C)																																1.47	
Hayden	(C)																																0.01	
Heber		.10	.08																														2.03	
Henefer		.13	T.	.03	T.																												1.87	
Howell		.24	.28																														2.34	
Hurricane	(C)	.55	.11																														2.24	
Ibapah		.01																															1.34	
Indian Farm		.01	T.																														2.33	
Josephi		.15	.14																														1.41	
Junction		.02																																
Kanab	(C)																																	
Kanosh																																		3.37
Kenton																																	0.94	
La Salle	(C)	.06	.05																														2.18	
Leeds, (near)	(C)	.55	.75	.22	.13	.05	T.																								2.38			
Lehi		.20																															3.08	
Lemay																																		
Levan																																		
Logan		.09	.21																													3.28		
Low																																	2.01	
Lower American Fork		.33	.12	T.																												2.88		
Lower Mill Creek		.07	.08	T.																												3.41		
Lucin		.08	.11																													0.74		
Manilla	(C)																															1.04		
Manti		.06	.03																													1.14		
Maple Creek		.28	.12																													3.36		
Marysville		T.	T.																													1.89		
Meadowville		T.	.12																													1.47		
Middlekaife																																0.70		
Midvale		.04</td																																

Daily Temperatures for May, 1915.

¶ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day on which it almost always occurs.
1, 2, 3, etc., indicate respectively 1, 2, 3, etc., days missing from record.



MAY, 1915.

Daily Precipitation for May, 1915.

Continued from page 43

Stations.	Day of month.																													Total.				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
Saltair	.07	T.																															2.18	
SALT LAKE CITY ***	.01																																1.95	
Santaquin	.04	T.																														2.30		
Scipio	.13	.04	T.																													2.00		
Scipio (near)	.07	.06		.02	.14	.03																									1.10			
Scifield	(C)	.41	.29	.09	.02																											2.88		
Silver City																																		
Snake Creek	27	.02																																
Snowville		.48																																
Spanish Fork	21	.02	T.																															
Springdale	(C)	37	.20																															
Standrod		.04	.24	.14	.04																													
Sunnyside	(C)		.30																															
Teasdale	(C)	.50	.07		.02	.70	.02	T.																										
Thistle		26	T.																															
Thompson	(C)		.30																															
Tooele		22	.02	T.																														
Tremonton		.25	.15	.31	.17																													
Tropic	(C)	34																																
Trout Creek Ranger	(C)																																	
University of Utah																																		
Utah Experiment Station																																		
Vernal	(C)	*	17																															
Vernon																																		
Victor	(C)																																	
Wendover																																		
Whiskey Creek		.08																																
Winder																																		
Woodruff																																		
Woodside	(C)																																	
																																		22

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation.

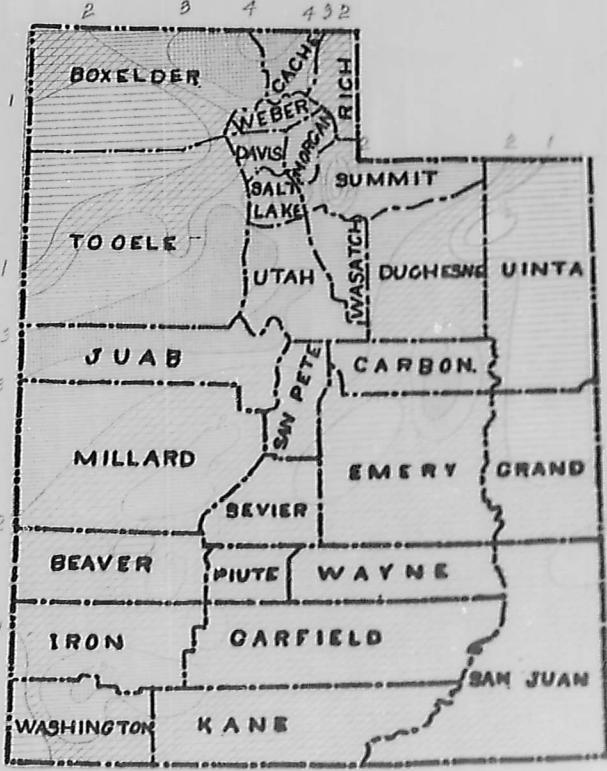
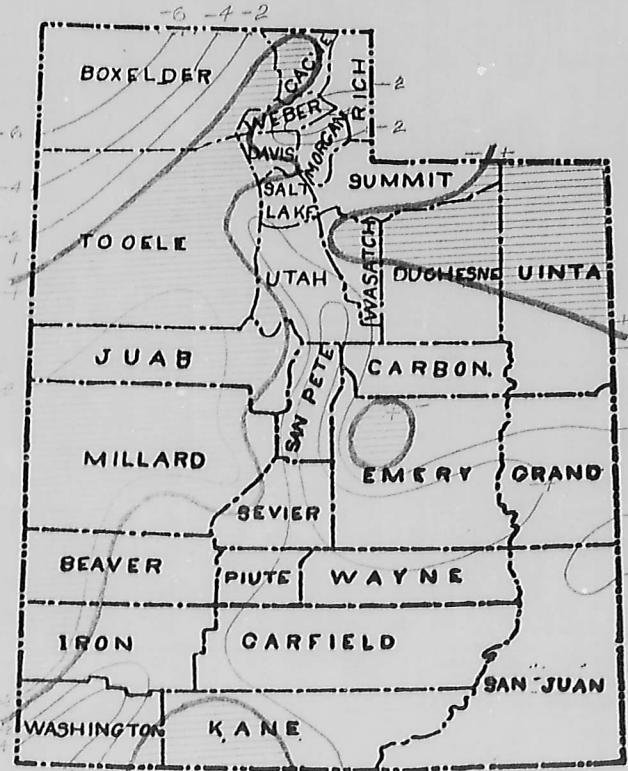
||| Precipitation measured in the morning; amount then recorded is for the preceding 24 hours.

** Regular Weather Bureau station; precipitation is for the 24 hour period, midnight to midnight.

* Precipitation included in the next following measurement. † Separate dates of falls not recorded. T. Indicates Trace, or less than 0.01 inch of rain or melted snow. All stations are in the Great Basin except those marked (C) which are in the Colorado River drainage area.

Departure of Mean Temperature from the Normal, May, 1915.

Total Precipitation, inches, May, 1915.



SCALE OF SHADES-IN INCHES.

[Empty box]	[Solid black box]	[Cross-hatched box]	[Dotted box]	[Hatched box]
Less than 1	1 to 2	2 to 3	3 to 5	Over 5

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U. S. DEPARTMENT OF AGRICULTURE
WEATHER BUREAU

CHARLES F. MARVIN, CHIEF

CLIMATOLOGICAL DATA

UTAH SECTION

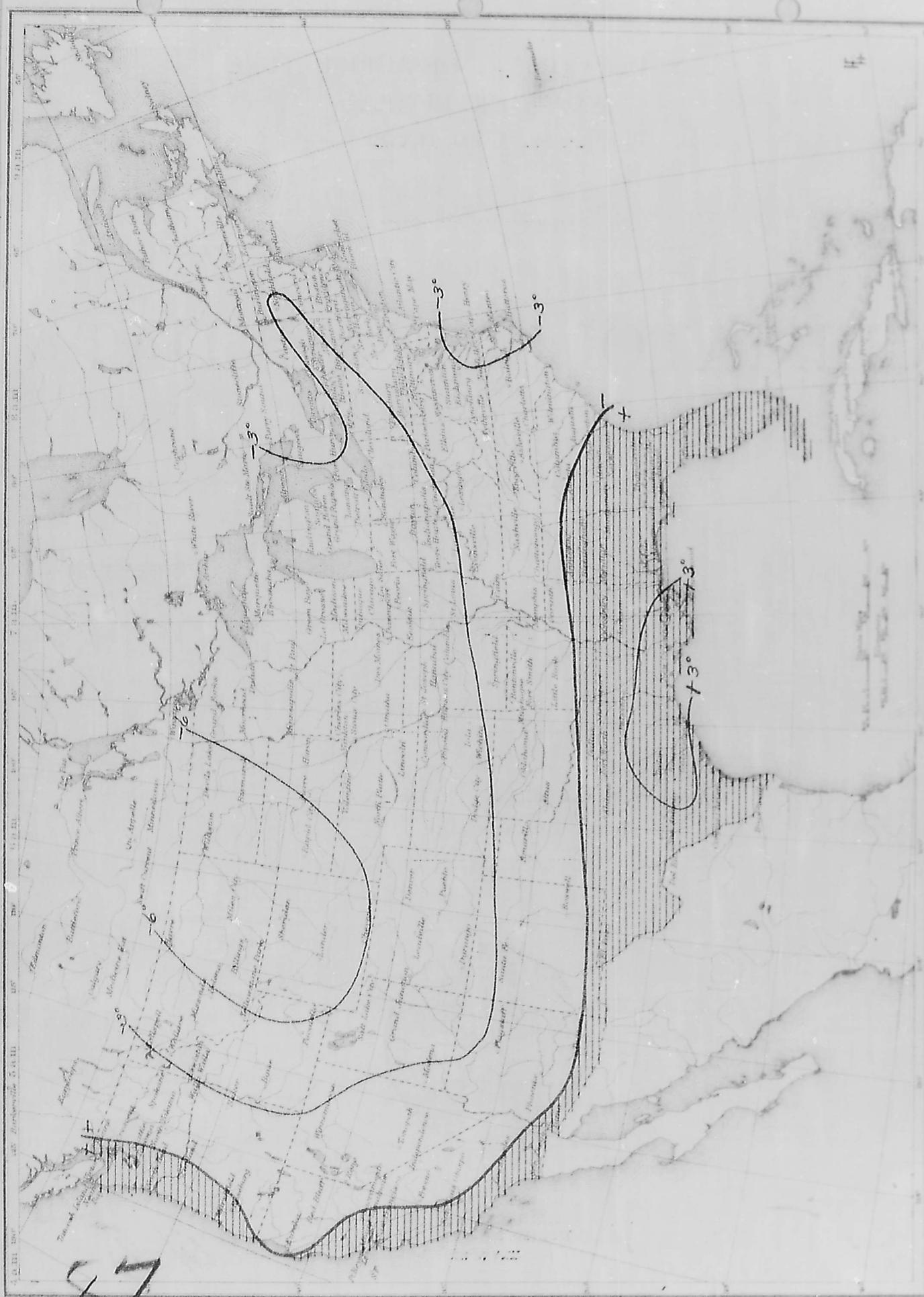
JUNE, 1915

BY
ALFRED H. THIESSEN
SECTION DIRECTOR



SALT LAKE CITY, UTAH
WEATHER BUREAU OFFICE
JULY 20, 1915.

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JUNE, 1915.

CLIMATOLOGICAL DATA: UTAH SECTION.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

UTAH SECTION.

ALFRED H. THIESSEN, Section Director.

VOL. XVII. SALT LAKE CITY, UTAH, JUNE, 1915. No. 6.

GENERAL SUMMARY.

This month was the coolest June on record since 1908. Many correspondents complained of the cool weather especially in the forepart of the month and of the late crops. At Heber the minimum temperature did not go above 40° during any day of the month, and ice and frost formed on several nights. At Ogden snow, hail and rain fell in one day. Frost and rain spoiled much alfalfa, which in some places will be a complete failure, and the former damaged garden truck to a considerable extent and grain slightly.

June is usually the driest month of the year in this State, but the rainfall during this month was above normal. In spite of this there were general reports of a dry month, and the ranges in places were beginning to burn. While the rainfall was very beneficial, especially to the irrigating farmer, creeks at the end of the month were low.

The south-central part of the State experienced a severe wind-storm on the first day of the month. At Beaver roofs were blown from a few barns, and telephone poles and trees laid low. At Deseret the wind caused such huge waves at the reservoir as to endanger the levees. Here also much damage was done to roofs and trees.

PRESSURE.

The monthly mean atmospheric pressure for the State, reduced to sea level, was 29.86 inches, obtained from data at Salt Lake City and Modena.

The highest was 30.26 inches at Salt Lake City on the 14th. The lowest was 29.45 inches at Salt Lake City on the 11th.

TEMPERATURE.

The monthly mean temperature for the State as determined from 79 stations was 60.8°, which is 3.8° below the normal, and 1.8° below the June average of 1914. Castle Dale reported a mean of 64.4°, which is 0.8° above normal; this was the only station with a record of 10 years or more whose June average was above normal. The greatest local temperature deficiency was at Thistle, whose mean 53.5°, or 9.4° below normal. The coolest period of the month was from the 2d to the 5th, and from the 11th to the 15th inclusive, the lowest being 19° at Scofield on the 15th. Nearly every station reported minimum temperatures of freezing or below. The highest temperatures occurred during the latter half of the month and usually from the 21st to the 26th, the highest being 108° at Woodside on the 21st and 26th.

HUMIDITY.

At Salt Lake City the mean relative humidity at 6 a. m. was 49 per cent, and at 6 p. m. 29 per cent. At Modena at 6 a. m. it was 47 per cent, and at 6 p. m. 17 per cent.

PRECIPITATION.

The average precipitation for the State was 0.73 inch, which is 0.22 inch above the normal. The rain was very unevenly distributed over the State as is usual in the summer. The greatest monthly amount was 2.24 inches at Trout Creek Ranger station. St. George reported no rain whatever, and at Leeds only a trace occurred. The greater portion of the moisture fell during the

first six days of the month; a few scattered showers occurred from the 7th to the 13th, and after these dates it was practically dry throughout the State.

WIND.

The prevailing direction of the wind for the State was from the south. The average velocity at Salt Lake City was 8.0 miles per hour; the highest 44 miles per hour from the northwest on the 1st; and the prevailing direction from the northwest. At Modena the average velocity was 11.0 miles per hour; the highest 42 miles per hour from the west on the 1st; and the prevailing direction from the southwest.

SUNSHINE AND CLOUDINESS.

The monthly percentage of possible sunshine was 85 at Salt Lake City, and 87 at Modena.

For the State the average number of clear days was 20; partly cloudy, 6; and cloudy, 4.

CORRECTIONS.

April, 1915.—Burville, highest temperature 69° on the 14th; Heber, mean temperature 48.6°; Monticello, mean temperature 46.7°; Santaquin, total precipitation 2.19 inches; Scipio, mean temperature 45.2°; Snowville, number rainy days 5; Treadale, mean temperature 45.8°; Thistle, mean temperature 49.6°; University of Utah, highest temperature 79° on the 29th.

May, 1915.—Center, highest temperature 81° on the 17th; Meadowville, monthly mean temperature 61.7°; Tremonton, total precipitation 3.63 inches; mean temperature for the State 52.6°.

NOTE:—Station at Ranch was moved to Alton, a distance of about 4 miles to the northeast.

COMPARATIVE DATA FOR JUNE.

Year.	Temperature.			Average precipitation.	Total snowfall.	Number of days			Prevailing wind.
	Mean.	Highest.	Lowest.			Rainy (0.01 inch or more).	Clear.	Partly Cloudy.	
1891									
1892	65.0	116	22	0.46	0.1	3	3	27	SW.
1893	64.0	105	19	0.02	0	0	3	19	SW.
1894	61.5	106	15	0.84	0.8	4	17	9	SW.
1895	62.8	106	18	0.43	0	3	18	9	SW.
1896	70.0	112	21	0.20	0	2	16	11	SW.
1897	63.2	104	20	0.25	0	2	16	10	SW.
1898	65.2	110	22	0.78	0	3	20	7	SW.
1899	64.0	110	21	0.58	0	3	19	6	SW.
1900	69.7	111	30	0.16	0	1	22	6	SW.
1901	63.3	109	19	0.25	T.	1	20	6	SW.
1902	66.9	114	21	0.17	T.	1	23	5	SW.
1903	65.7	110	27	0.47	0	3	17	8	SW.
1904	63.3	102	21	0.47	T.	3	17	8	SW.
1905	64.7	110	23	0.18	T.	1	21	7	SW.
1906	62.2	106	22	0.59	T.	2	20	6	SW.
1907	58.8	105	16	1.22	0.3	7	13	10	SW.
1908	59.6	104	20	1.09	0.1	6	16	8	SW.
1909	66.2	110	20	0.14	T.	1	20	7	SW.
1910	67.9	110	27	0.38	0	1	21	6	S.
1911	64.8	104	28	0.96	T.	5	13	10	SW.
1912	64.7	104	18	0.55	0	4	13	11	SW.
1913	64.0	110	23	1.57	T.	7	12	9	SW.
1914	62.6	104	11	2.03	1.4	8	14	8	SW.
1915	60.8	108	19	0.73	T.	3	20	6	4

GREAT SALT LAKE WATER LEVEL RECORDS AT SALT AIR.

(Feet and tenths.)

Zero of gage is 4,212.9 feet above sea level.

Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
1915.	1st +5.6 +5.7 +6.0 +6.2 +6.3 +6.3											
	15th +5.6 +5.8 +6.1 +6.3 +6.3 +6.2											

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

UTAH SECTION.

ALFRED H. THIESSEN, Section Director.

VOL. XVII. SALT LAKE CITY, UTAH, JUNE, 1915. No. 6.

GENERAL SUMMARY.

This month was the coolest June on record since 1908. Many correspondents complained of the cool weather especially in the forepart of the month and of the late crops. At Heber the minimum temperature did not go above 40° during any day of the month, and ice and frost formed on several nights. At Ogden snow, hail and rain fell in one day. Frost and rain spoiled much alfalfa, which in some places will be a complete failure, and the former damaged garden truck to a considerable extent and grain slightly.

June is usually the driest month of the year in this State, but the rainfall during this month was above normal. In spite of this there were general reports of a dry month, and the ranges in places were beginning to burn. While the rainfall was very beneficial, especially to the irrigating farmer, creeks at the end of the month were low.

The south-central part of the State experienced a severe wind-storm on the first day of the month. At Beaver roofs were blown from a few barns, and telephone poles and trees laid low. At Deseret the wind caused such huge waves at the reservoir as to endanger the levees. Here also much damage was done to roofs and trees.

PRESSURE.

The monthly mean atmospheric pressure for the State, reduced to sea level, was 29.86 inches, obtained from data at Salt Lake City and Modena.

The highest was 30.26 inches at Salt Lake City on the 14th. The lowest was 29.45 inches at Salt Lake City on the 11th.

TEMPERATURE.

The monthly mean temperature for the State as determined from 79 stations was 60.8°, which is 3.8° below the normal, and 1.8° below the June average of 1914. Castle Dale reported a mean of 64.4°, which is 0.8° above normal; this was the only station with a record of 10 years or more whose June average was above normal. The greatest local temperature deficiency was at Thistle, whose mean 53.5°, or 9.4° below normal. The coolest period of the month was from the 2d to the 5th, and from the 11th to the 15th inclusive, the lowest being 19° at Scofield on the 15th. Nearly every station reported minimum temperatures of freezing or below. The highest temperatures occurred during the latter half of the month and usually from the 21st to the 26th, the highest being 108° at Woodside on the 21st and 26th.

HUMIDITY.

At Salt Lake City the mean relative humidity at 6 a. m. was 49 per cent, and at 6 p. m. 29 per cent. At Modena at 6 a. m. it was 47 per cent, and at 6 p. m. 17 per cent.

PRECIPITATION.

The average precipitation for the State was 0.73 inch, which is 0.22 inch above the normal. The rain was very unevenly distributed over the State as is usual in the summer. The greatest monthly amount was 2.24 inches at Trout Creek Ranger station. St. George reported no rain whatever, and at Leeds only a trace occurred. The greater portion of the moisture fell during the

first six days of the month; a few scattered showers occurred from the 7th to the 13th, and after these dates it was practically dry throughout the State.

WIND.

The prevailing direction of the wind for the State was from the south. The average velocity at Salt Lake City was 8.0 miles per hour; the highest 44 miles per hour from the northwest on the 1st; and the prevailing direction from the northwest. At Modena the average velocity was 11.0 miles per hour; the highest 42 miles per hour from the west on the 1st; and the prevailing direction from the southwest.

SUNSHINE AND CLOUDINESS.

The monthly percentage of possible sunshine was 85 at Salt Lake City, and 87 at Modena.

For the State the average number of clear days was 20; partly cloudy, 6; and cloudy, 4.

CORRECTIONS.

April, 1915.—Burrville, highest temperature 69° on the 14th; Heber, mean temperature 48.6°; Monticello, mean temperature 46.7°; Santaquin, total precipitation 2.10 inches; Scipio, mean temperature 45.2°; Snowville, number rainy days 5; Teasdale, mean temperature 45.8°; Thistle, mean temperature 49.6°; University of Utah, highest temperature 79° on the 29th.

May, 1915.—Center, highest temperature 81° on the 17th; Meadowville, monthly mean temperature 61.7°; Tremonton, total precipitation 3.63 inches; mean temperature for the State 52.6°.

NOTE:—Station at Ranch was moved to Alton, a distance of about 4 miles to the northeast.

COMPARATIVE DATA FOR JUNE.

Year.	Temperature.			Average precipitation.	Number of days			Prevailing wind.
	Mean.	Highest.	Lowest.		Total snowfall. Rainy (0.01 Inch or more).	Clear.	Partly Cloudy.	
1891								
1892	65.0	116	22	0.46	0.1	3		
1893	64.0	105	19	0.02	0	0	3	27
1894	61.5	106	15	0.84	0.8	4	17	10
1895	62.8	106	18	0.43	0	3	18	9
1896								
1897	70.0	112	21	0.20	0	2	16	11
1898	63.2	104	20	0.25	0	2	16	10
1899	65.2	110	22	0.78	0	3	20	7
1900	64.0	110	21	0.58	0	3	19	6
1901	69.7	111	30	0.16	0	1	22	6
1902								
1903	63.3	109	19	0.25	T.	1	20	6
1904	66.9	114	21	0.17	T.	1	23	5
1905	65.7	110	104	0.09	0	3	17	8
1906								
1907	63.3	102	21	0.47	T.	3	17	8
1908	64.7	110	23	0.18	T.	1	21	7
1909								
1910	62.2	106	22	0.59	T.	2	20	6
1911								
1912	68.8	105	16	1.22	0.3	7	13	10
1913	69.6	104	20	1.09	0.1	6	16	8
1914								
1915	66.2	110	20	0.14	T.	1	20	7
1916								
1917	67.9	110	27	0.38	0	1	21	6
1918								
1919	64.8	104	28	0.96	T.	5	13	10
1920								
1921	64.7	104	18	0.55	0	4	13	11
1922								
1923	64.0	110	23	1.57	T.	7	12	9
1924								
1925	62.6	104	11	2.03	1.4	8	14	8
1926								
1927	60.8	108	19	0.73	T.	3	20	6
1928								

GREAT SALT LAKE WATER LEVEL RECORDS AT SALT AIR.

(Feet and tenths.)

Zero of gage is 4,212.9 feet above sea level.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year.
1915													

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CLIMATOLOGICAL DATA: UTAH SECTION

JUNE, 1915.

Climatological Data for June, 1915.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.			Precipitation, inches.			Number of days			Observers.				
				Mean.	Highest.	Date.	Lowest.	Greatest daily range.	Total.	Departure from the normal.	greatest in 24 hours.	Total Snowfall, unmeasured.	With precipitation 0.01 inch or more.	Partly cloudy, clear.	Cloudy.	Prevailing direction of wind.	
Alton.	Kane	12	54.8	80 ^a	22 [†]	28	11 [†]	42 ^d	0.22	-0.22	0.22	0	1	17	10	3	w.
Beaver.	Beaver	6,000	10	57.2 - 4.3	90 ^b	28 [†]	24 ^c	12	51 ^e	0.74 + 0.29	0.27	0	3	26 ^b	2	0 ^c	s.
Black Rock.	Millard	4,872	11	61.6 - 1.4	92	30	28	12	58 ^f	1.62 + 1.37	1.05	0	3	16	9	5	s.
Blanding.	San Juan	6,000	7	64.8 - 3.3	86 ^g	28 [†]	34	5	41 ^h	0.35	0.33	0	2	24	3	3	s.
Bluff.	San Juan	4,200	2	67.2 - 2.2	92 ⁱ	30	41 [†]	5†	42 ^j	-0.25	-0.22	0	28	0	2		
Brigham City.	Boxelder	4,305	3	63.5 - 3.5	91 ^k	25	39	3	43 ^l	0.94	0.49	0	6				
Burville.	Sevier	6,800	3	50.6 - 2.0	75 ^m	29	20 ⁿ	11	37 ^o	0.25	0.25	0	1				
Castle Dale.	Emery	5,500	15	64.4 + 0.8	90	24 [†]	38	3†	43	0.55 - 0.08	0.55	0	1	24	5	1	
Cedar City ^{††} .	Iron	5,750	10	63.7 - 2.4	89 ^b	30	33 ^c	12	38 ^b	-0.28 - 0.29	0.28	0	1	28	0	2	sw.
Center. ^{††}	Tooele	4,250	3	58.9 - 3.3	93	24	29	14	56 ^o	0.28	0.16	0	2	20	2	1	n.
Corinne.	Boxelder	4,240	42	62.1 - 8.3	94 [†]	24	36	3†	48 [†]	0.95 + 0.37	0.65	0	3	18	6	6	
Deseret.	Millard	4,541	19	61.7 - 3.6	92	23	20	12	44 [†]	0.87 + 0.53	0.83	0	2	20	3	7	s.
Dragon (near). ^{††}	Uinta	6,210	4	61.4 - 3.4	89	23	30	12	46 [†]	0.30	0.58	0	10	21	2	7	s.
Duchesne.	Duchesne	5,500	7	58.4 - 3.3	90	23	29	14	46 [†]	0.73	0.39	0	2	17	9	4	w.
East Portal. ^{††}	Wasatch	7,650	2	48.6 - 2.0	78 [†]	22 [†]	22	14	45 [†]	1.10 - 0.56	0.56	0	5	19	8	3	
Elberta.	Utah	4,650	12	62.4 - 5.2	92 ^b	24 [†]	33	3	45 ^b	0.68 + 0.33	0.33	0	4	23	3	4	n.s.
Emery.	Emery	6,200	13	54.8 - 5.1	82	29	30	12	46 [†]	0.60 + 0.15	0.60	0	1	13	6	11	e.
Farmington.	Davis	4,268	13	64.6 - 0.1	94	24	37	3†	45 [†]	1.25 + 0.42	0.61	0	4	25	3	2	sw.
Fillmore.	Millard	5,100	22	64.4 - 3.4	95	23 [†]	33	3	47 [†]	0.84 + 0.33	0.79	0	3				
Ft. Duchesne.	Uinta	4,941	26	61.6 - 3.4	90	22	31	14	47 [†]	0.53 + 0.27	0.18	0	5	24	6	0	w.
Fruitland.	Duchesne	6,725	4	54.2 - 2.0	88 [†]	24	26	12 [†]	64 [†]	0.49 - 0.07	0.20	0	4	22	5	3	s.
Garland.	Boxelder	4,248	2	61.4 - 3.3	92	24	33	11	44 [†]	0.72	0.33	0	4	17	8	5	s.
Garrison.	Millard	4,850	10	54.4 - 2.0	88 [†]	23	27	12	50 [†]	0.91 + 0.77	0.62	0	4	16	13	1	sw.
Government Creek. ^{††}	Tooele	5,277	13	60.4 - 2.9	88 [†]	23	31	4	41 [†]	0.67 + 0.08	0.39	0	4	25	2	3	w.
Green River.	Emery	4,080	14	68.8 - 4.8	98 ^b	23 [†]	39 ^c	12	50 ^b	0.97 + 0.13	0.62	0	4	16	13	1	sw.
Hanksville.	Wayne	4,200	3	67.4 - 3.3	99	24	31	12	52 [†]	0.06	0.06	0	1	28	1	1	s.
Heber.	Wasatch	5,593	21	55.2 - 4.1	88 [†]	24	26	12 [†]	64 [†]	0.49 - 0.07	0.20	0	4	22	5	3	s.
Henefer.	Summit	5,301	14	55.8 - 2.8	89	24	28	13 [†]	58 [†]	1.87 + 1.07	0.50	0	10	18	7	5	w.
Hopai.	Tooele	7,500	9	57.6 - 3.3	90	23 [†]	27	13	51 [†]	0.36	0.21	0	4	23	7	0	nw.
Josepha.	Kane	4,356	3	63.2 - 3.3	98 ^b	22 [†]	35	1 [†]	53 [†]	0.15	0.15	0	1				
Kanab.	Boxelder	4,230	34	61.2 - 9.9	90	23 [†]	35	12	48 [†]	0.39 + 0.02	0.32	0	2	4	26	0	nw.
La Sal.	San Juan	7,000	11	55.6 - 2.0	89 [†]	24	27	12 [†]	64 [†]	0.49 - 0.07	0.20	0	4	22	5	3	s.
Leeds (near). ^{††}	Washington	3,400	2	70.5 - 2.0	95 ^a	24	45	5	37 [†]	T.	T.	0	0	26	0	4	n.
Lehi.	Utah	4,550	1	63.0 - 3.3	93 [†]	24	34 ^c	3	48 [†]	0.76	0.40	0	5	16 ^b	6 ^b	2 ^c	n-nw.
Lemay. ^{††}	Boxelder	4,221	3	66.2 - 3.3	90	23 [†]	44	11	30 [†]	0.35	0.35	0	1	18	11	1	w.
Levan.	Juab	5,010	24	57.2 - 3.3	88 [†]	24	26	12 [†]	64 [†]	0.17 - 0.12	0.17	0	1	13	13	4	
Logan.	Cache	4,507	23	60.4 - 2.9	85 [†]	23 [†]	37 ^a	3†	35 ^a	1.12 + 0.35	0.55	0	5	19	7	4	
Low. ^{††}	Tooele	4,602	3	64.3 - 3.3	94 ^b	23	38	2	34 [†]	0.65	0.55	0	2	21	5	4	s.
Lower American Fork. ^{††}	Utah	5,063	65	54.4 - 3.3	94 [†]	24	39	12	38 [†]	0.70	0.38	0	4	25	3	2	n.
Lower Mill Creek. ^{††}	Salt Lake	1	63.4 - 3.3	90	24 [†]	35	3	36 [†]	1.51	0.85	0	7	19	4	7	nw.	
Lucin.	Boxelder	4,504	7	62.1 - 3.3	93	23	35	14	48 [†]	0.16	0.13	0	2	24	5	1	e.
Manilla.	Uinta	5,225	4	49.6 - 3.3	78	21	26	3	43 [†]	1.54	0.80	0	4	21	5	4	
Manti.	Sanpete	5,575	19	57.8 - 6.3	87	22	27	12	45 [†]	0.99 + 0.60	0.46	0	5	10	10	10	
Marysvale.	Pluto	6,180	12	57.4 - 2.4	85 [†]	22 [†]	27	12	47 [†]	0.47 + 0.17	0.24	0	2	23	11	2	s.
Meadowville. ^{††}	Rich	6,200	13	52.0 - 1.5	89 [†]	24 [†]	29	13	45 [†]	0.99 + 0.14	0.35	0	6	23	2	5	w.
Midlake.	Boxelder	4,235	3	67.3 - 3.3	88	23	45	2	25 [†]	0.25	0.15	0	2	15	9	6	
Midvale.	Salt Lake	4,365	2	63.1 - 3.3	98	24	32	3	51 [†]	0.53	0.32	0	4	24	4	2	s.
Millford.	Beaver	4,962	6	63.4 - 3.3	90 [†]	22	20 [†]	12	59 [†]								
Moab.	Grand	4,000	24	68.0 - 4.1	96	22 [†]	41	12 [†]	53 [†]	0.17 - 0.12	0.17	0	1	13	13	4	
Modena.	Iron	5,479	13	60.8 - 2.4	90	30	32	12	43 [†]	0.85 + 0.45	0.78	0	3	20	5	5	sw.
Monticello.	San Juan	7,050	6	56.0 - 3.3	86 [†]	24	37	3	40 [†]	1.05 + 0.37	0.75	0	5	27	3	0	
Morgan.	Morgan	5,068	10	59.0 - 3.3	86 [†]	24	31	12	35 [†]	1.24	0.58	0	5	16	7	7	sw.
Moroni.	Sanpete	6,000	6	59.0 - 3.3	86 [†]	24	31	12	35 [†]	1.24	0.58	0	5	16	7	7	sw.
Mosida.	Utah	4,510	2	61.4 - 3.3	91 [†]	23	32	12	50 [†]	0.20	0.09	0	3	13	14	3	
Mountain Home.	Tooele	6,000	1	54.7 - 3.3	86 [†]	30	20 [†]	3†	52 [†]	1.06	0.61	0	3	15 [†]	9 [†]	1 [†]	s.
Nephil (near).	Juab	5,119	9	60.0 - 3.3	91 [†]	25	28 [†]	12	48 [†]	1.04	0.86	0	3	15 [†]	9 [†]	1 [†]	s.
Oak City.	Millard	4,900	7	54.2 - 3.3	86 [†]	24	31	12 [†]	53 [†]	0.17 - 0.05	0.05	0	1	13	13	4	
Ogden.	Weber	4,310	43	64.3 - 6.8	95	24	37	3	40 [†]	1.05 + 0.37	0.75	0	5	27	3	0	
Panguitch.	Garfield	6,560	2	52.2 - 3.3	86 [†]	23	27	12 [†]	46 [†]	0.92	0.31	0	3	17	11	2	
Park City.	Summit	7,000	14	54.6 - 2.7	85 [†]	24 [†]	28 ^c	14 [†]	45 [†]	1.30 + 0.79	0.40	4.0	4	15	8	7	s.
Parowan.	Tooele	5,970	23	61.8 - 2.4	89	30	34	12	36 [†]	0.48 + 0.26	0.30	0	2	26	0	4	
Pine View. ^{††}	Summit	6,335	23	53.0 - 3.3	88 [†]	24	31 ^c	13	33 ^c	1.90	0.50	0	5				
Pinto.	Washington	5,907	16	53.5 - 5.7	90 [†]	30	29 ^c	12	58 [†]	0.60 + 0.35	0.60	0	1	13 ^b	6 ^b	0 ^c	s.
Price.	Carbon	5,557	3	63.4 - 3.3	90 [†]	23	35	14	40 [†]	0.90	0.90	0	1	16	13	1	w.
Provo.	Utah	4,532	20	59.4 - 4.4	90 [†]	24	32 ^c	14	46 [†]	0.65 - 0.08	0.26	0	4	20	1 [†]	3 [†]	
Ridgefield.	Sevier	5,350	20	60.7 - 3.0	95 ^a	24	34 ^c	3	54 [†]				10	4	2 ^c		
Riverville.	Weber	4,310	1	62.5 - 3.3	95	24	35	3	51 [†]	1.02	0.60	0	4	25	1	4	sw.
Sahara.	Washington	5,209	2														

CLIMATOLOGICAL DATA: UTAH SECTION

JUNE, 1915.

Climatological Data for June, 1915.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.				Precipitation, inches.				Number of days				Observers.			
				Mean.	Highest.	Date.	Lowest.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total Snowfall, unmeasured.	With precipitation 0.01 inch or more.	Partly cloudy.	Cloudy.	Prevailing direction of wind.			
Alton.	Kane	12	54.3	80 ^a	22 ^a	28	11 ^a	42 ^a	0.22	0.22	0	1	17	10	3	w.	Wm. M. Cox.		
Beaver.	Beaver	6,000	10	57.2	-4.3	90 ^b	28 ^a	12	51 ^a	0.74 +0.29	0.27	0	3	26 ^b	2	0 ^c	S. Z. Jenkins.		
Black Rock.	Millard	4,872	11	61.6	-1.4	92	30	28	63	1.62 +1.37	1.05	0	3	16	9	5	s.	Agent Salt Lake Route.	
Blanding.	San Juan	5,000	7	64.8	-3.8	86 ^b	28 ^a	34	5	41 ^a	0.35	0.33	0	2	24	3	3	s.	E. F. Thompson.
Bluff.	San Juan	4,200	2	67.2	-2.2	92 ^a	30	41 ^a	51 ^a	42 ^a	0.35	0.33	0	28	0	2		E. L. Goodridge.	
Brigham City.	Boxelder	4,305	6	63.5	-1.1	91 ^a	25	39	3	43 ^a	0.94	0.49	0	6				N. Merrill Valentine.	
Burville.	Sevier	6,800	3	50.6	-1.7	75 ^b	29	20 ^a	11	37 ^a	0.25	0.25	0	1				F. R. Curtis.	
Castle Dale.	Emery	5,500	15	64.4	+ 0.8	90	24 ^a	38	37 ^a	43	0.55 -0.08	0.55	0	1	24	5	1		Miss Pay Jeffs.
Cedar City ^{††} .	Iron	5,750	10	63.7	-2.4	89 ^b	30	33 ^a	12	38 ^b	-0.28 -0.29	0.28	0	1	28	0	2	sw.	Parley Valley.
Center ^{††} .	Tooele	4,250	3	58.9	-1.3	93	24	29	14	56	0.28	0.16	0	2	20	9	1	n.	L. C. Peterson.
Corinne.	Boxelder	4,240	12	62.1	-1.8	94 ^a	24	36	37 ^a	48 ^a	0.95 +0.37	0.65	0	3	18	6	6	s.	A. C. Murphy.
Deseret.	Millard	4,541	10	61.7	-3.6	92	23	20	12	44	0.87 +0.53	0.83	0	2	20	3	7	s.	S. W. Western.
Dragon (near).	Uinta	6,210	4	61.4	-1.4	89	23	30	12	46	1.30	0.58	0	10	21	2	7	s.	Horner D. Ford.
Duchesne.	Duchesne	5,500	7	58.4	-1.0	90	23	29	14	46	0.73	0.39	0	2	17	9	4	w.	M. M. Smith.
East Portal ^{††} .	Wasatch	7,650	2	48.6	-6.7	78	22 ^a	22	14	45	1.10	0.58	0	5	19	8	3		Reclamation Service.
Elberta.	Utah	4,650	12	62.4	-5.2	92 ^b	24 ^a	33	3	45	0.68 +0.33	0.33	0	4	23	3	4	n-s.	D. C. Walker.
Emery.	Emery	6,200	13	54.8	-5.1	82	29	30	12	46	0.60 +0.15	0.60	0	1	13	6	11	e.	H. C. Wickman.
Farmington.	Davis	4,268	13	64.6	-0.1	94	24	37	37 ^a	45	1.25 +0.42	0.61	0	4	25	3	2	sw.	Chas. Boylin.
Fillmore.	Millard	5,100	22	64.4	-3.4	95	23	33	3	47	0.84 +0.33	0.79	0	3				J. J. Starkey.	
Ft. Duchesne.	Uinta	4,941	26	61.6	-3.4	90	22	31	14	47	0.53 +0.27	0.18	0	5	24	6	0	w.	Geo. W. Dickson.
Fruitland.	Duchesne	6,725	4	61.4	-1.0	92	24	33	11	44	0.72	0.33	0	4	17	8	5	s.	J. E. L. Carey.
Garland.	Boxelder	4,248	2	61.4	-1.0	92	24	33	11	44	0.72	0.33	0	4	17	8	5	s.	J. T. Roberts.
Garrison.	Millard	4,850	10	61.4	-1.0	92 ^b	24 ^a	33	12	45	1.10	0.58	0	4	25	2	3	w.	E. M. Smith.
Government Creek ^{††} .	Tooele	5,277	13	60.4	-2.9	85	23 ^a	31	4	41	0.67 +0.08	0.39	0	4	25	2	3		Walter James.
Green River.	Emery	4,080	14	68.8	-4.8	98 ^b	23 ^a	39	12	50	0.91 +0.77	0.62	0	4	16	13	1	sw.	E. E. Adams.
Hanksville.	Wayne	4,200	3	67.3	-1.0	99	24	34	12	52	0.06	0.06	0	1	28	1	1	sw.	F. J. Weber.
Heber.	Wasatch	5,593	21	55.2	-4.1	88	24	26	12	54	0.49 -0.07	0.20	0	4	22	5	3	s.	John Crook.
Honeoer.	Summit	5,301	11	65.8	-2.8	89	24	28	13	53	1.87 +1.07	0.50	0	10	18	7	5	w.	Wist Brewer.
Hpahah.	Tooele	7,500	9	57.6	-1.0	90	23 ^a	27	13	51	0.36	0.21	0	4	23	7	0	nw.	W. M. Chastain.
Iosepa.	Tooele	4,356	3	63.2	-1.0	98	9	31	12	52	0.32	0.31	0	2	25	4	1	n.	James K. Halemann.
Kanab.	Kane	4,925	6	61.2	-1.0	90	23 ^a	35	12	53	0.15	0.15	0	1				D. D. Rust.	
Kelton.	Boxelder	4,230	34	61.2	-9.9	90	23 ^a	35	12	48	0.39 +0.02	0.32	0	2	4	26	0	nw.	F. W. Kloek.
La Sal.	San Juan	7,000	11															La Sal Liv Stock Co.	
Leeds (near).	Washington	3,400	2	70.5	-0.5	24	45	5	37 ^a	T.	T.	T.	0	0	26	0	4	n.	B. F. Anderson.
Lehi.	Utah	4,560	1	63.0	-1.0	93 ^a	24	34 ^a	3	48 ^a	0.76	0.40	0	5	16 ^b	6 ^c	2 ^d	nw.	Joseph Anderson.
Lemay.	Boxelder	4,221	3	66.2	-1.0	90	23 ^a	44	11	30	0.35	0.35	0	1	18	11	1	w.	Azt. Southern Pacific Co.
Levan.	Juab.	5,010	24															Clarence Gardner.	
Logan.	Cache	4,507	23	60.4	-2.9	87 ^a	23 ^a	97 ^a	37 ^a	1	1.12 +0.35	0.55	0	5	19	7	4		Experiment Station.
Low.	Tooele	4,602	3	64.3	-1.0	94 ^a	23	38	2	34 ^a	1.65	0.55	0	2	21	5	4	s.	Azt. Western Pacific Co.
Lower American Fork. ^{††}	Utah	5,063	10	65.4	-1.0	94	21	39	12	38	0.70	0.38	0	4	25	3	2	n.	Utah Light & Power Co.
Lower Mill Creek. ^{††}	Salt Lake	1	63.4	-1.0	90	24 ^a	35	3	36	1.51	0.85	0	4	19	4	1		D. Folker.	
Lucin.	Boxelder	4,504	7	62.1	-1.0	93	23	35	14	48	1.16	0.13	0	2	24	5	1	e.	E. C. Puryear.
Manila.	Uinta	6,225	4	49.6	-1.0	78	21	26	3	31	1.54	0.80	0	4	21	5	4		D. M. Nelson.
Manti.	Sanpete	5,575	19	57.8	-6.3	87	22	27	12	45	0.99 +0.60	0.46	0	5	10	10	10		J. M. Anderson.
Marysvale.	Platte	6,180	13	57.4	-2.4	85 ^b	22 ^a	27	12	47	0.47 +0.17	0.24	0	2	17	11	2	s.	A. Soysa.
Meadowville. ^{††}	Rich	6,200	13	55.0	-1.5	89	24 ^a	29	13	45	0.99 +0.14	0.35	T.	6	23	2	5	w.	J. S. Moffat.
Midlake.	Boxelder	4,235	3	67.3	-1.0	88	23	25	2	25	0.25	0.15	0	2	15	9	6		Stella M. Gibson.
Midvale.	Salt Lake	4,365	2	63.1	-1.0	92	24	32	3	51	0.53	0.32	0	4	24	4	2	s.	E. D. Camomille.
Milford.	Beaver	4,962	6	63.4	-1.0	90	22	29	12	69	0.20	0.16	0					Delta Land & Water Co.	
Moab.	Grand	4,000	24	68.6	-4.1	96	22 ^a	41	12	63	0.17 -0.12	0.17	0	1	13	13	4		Henry Cross.
Modena.	Iron	5,479	13	60.8	-2.4	90	30	32	12	43	0.85 +0.45	0.78	T.	3	20	5	5	sw.	U. S. Weather Bureau.
Monticello.	Garfield	7,050	1															E. H. Barton.	
Morgan.	Morgan	5,068	10															C. H. Rubie.	
Moroni.	Sanpete	6,000	6	59.6	-1.0	86	24	31	12	35	1.24	0.58	0	5	16	7	7	sw.	B. F. Ellison.
Mosca.	Utah	4,510	2	61.4	-1.0	91 ^a	23	32	12	50	0.20	0.09	0	3	13	14	3		Mosida Fruit Lands Co.
Mountain Home.	Duchesne	6,000	1	54.7	-1.0	86 ^b	30 ^a	39	37 ^a	52 ^a	1.06	0.61	0	3				Oscar Wilkins.	
Nephil(near).	Juab.	5,119	9	60.0	-1.0	91 ^a	25	28 ^a	12	48 ^a	1.04	0.86	0	3	15 ^b	9 ^c	1	s.	J. W. Jones.
Oak City.	Millard	4,900	7															Jos. L. Anderson.	
Ogden.	Weber	4,310	43	64.3	-6.8	95	24	37	3	40	1.05 +0.37	0.75	0	5	27	3	0		Ralph Shorten.
Panguitch.	Garfield	6,560	2															H. L. Strembel.	
Park City.	Summit	7,000	14	54.6	-2.7	85	24 ^a	28	12	45	1.30 +0.79	0.40	4.0	4	15	8	7	s.	Floyd Fitzgerald.
Parowan.	Iron	5,970	23	61.8	-2.4	89	30	34	12	36	1.48 +0.26	0.30	0	2	26	0	4		Alex Matheson.
Pine View.	Summit	6,335	20	53.0	-3.3	83 ^b	24	31 ^a	13	33 ^b	1.90	0.50	0	5				Granville Denning.	
Pinto.	Washington	5,907	16	53.5	-5.7	90 ^b	20 ^a	29 ^a	12	58	0.60 +0.35	0.60	0	1	13 ^b	6	0	s.	J. H. Harrison.
Price.	Carbon	5,557	3	63.4	-1.0	90	23	37	14	40	0.90	0.90	0	1	16	13	1	w.	Walter Bass.
Provo.	Utah	4,532	20	59.4	-4.4	90 ^b	24	32 ^a	14	46 ^b	0.65 -0.08	0.26	0	4	20 ^b	1 ^c	3 ^d		Reclamation Service.
Ricefield.	Sevier	5,350	20	60.7	-3.0	95 ^a	24	34 ^a	3	54 ^a	0.92	0.31	0	3	17	11	2		Simon Carstensen.
Riverville.	Weber	4,310	1	62.5	-1.0	95	24	35	3	37	1.02	0							

JUNE, 1915.

CLIMATOLOGICAL DATA: UTAH SECTION.

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Daily Precipitation for June, 1915.

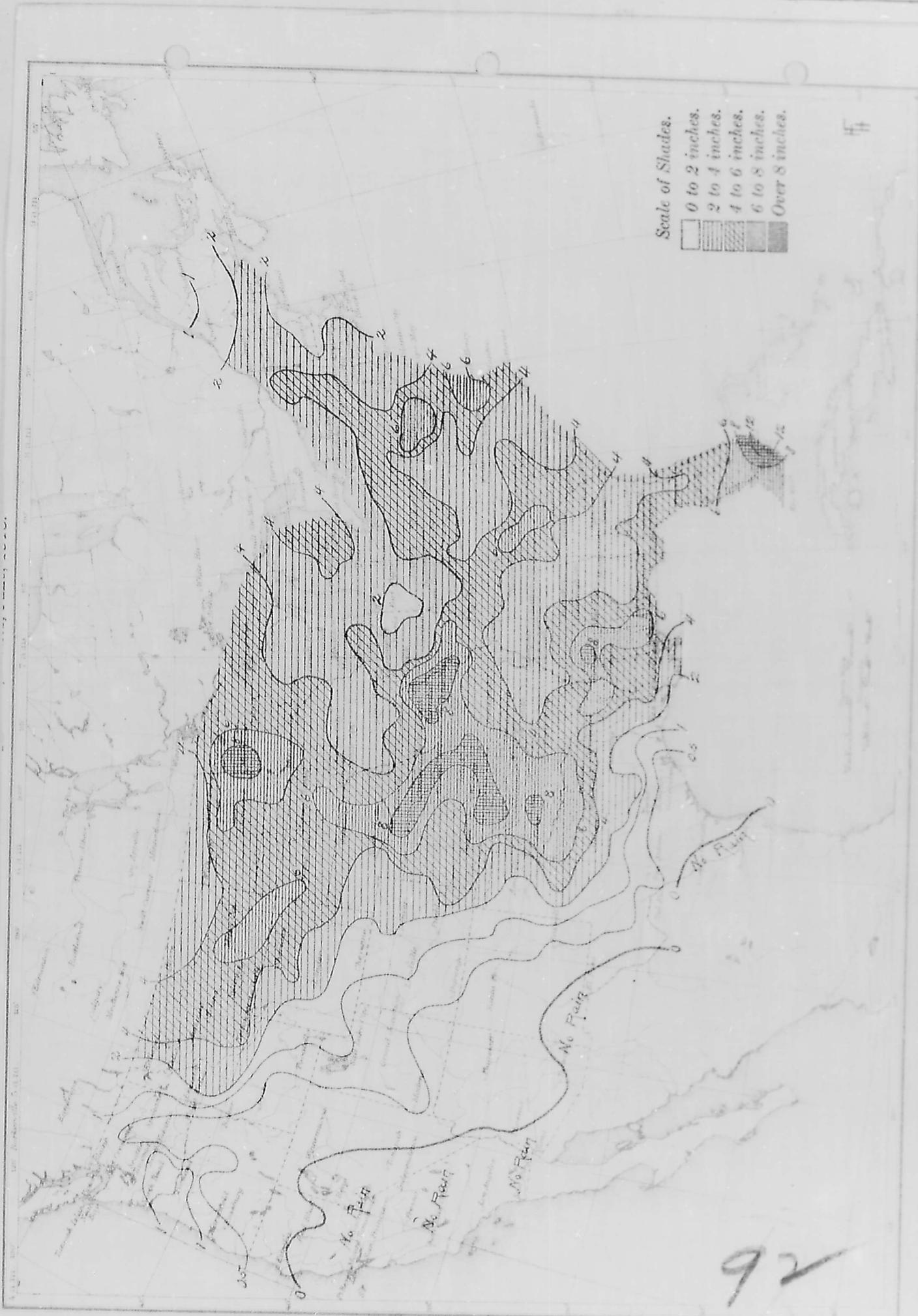
Stations.	Day of month.																													Total		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Alpine	.54	.05		.06	.40																											1.05
Altin	(G)	.22																														0.22
Baker Ranger Station	(C)		.96																													0.96
Beaver			.22	.27	.25	.03																									0.74	
Beaver Creek Nursery		.38	.39	.08	.60	.07	.25			T.			.01	.03																	1.81	
Bellnap Ranger Station							.37																									0.37
Black Rock																																1.62
Blanding	(C)																															0.35
Bluff	(G)																															0.35
Brigham City		.12	.49	.07			.13	.05																							0.94	
Burrville																																0.94
Canaan	(C)																															0.25
Castle Dale	(G)																															0.25
Castle Rock		.30	.14																													0.55
Cedar City																																1.90
Cedar Fort																																2.28
Center																																
Clarkston		.20	.35																													0.38
Corinne		.65	.10																													1.05
Cottonwood Nursery		.80	.50	T.																												0.95
Deep Creek		.06	.07	.05	.09	T.																									1.90	
Deseret																																0.27
Dragon (near)	(G)		.08	.08	.03	.04	.58	.39	T.	.03	.03																				0.87	
Duchesne	(C)	T.																														1.30
East Portal	(C)		.33	.09																											0.73	
Elberta		.17	.01																												1.16	
Elkhorn	(C)		.03																												0.68	
Emery	(C)																															0.26
Enterprise																																0.60
Eriksen																																0.27
Farmington		.30																														0.44
Fillmore		.61	.49	.06	T.	T.	.09																								1.25	
Ft. Duchesne	(C)		.02	T.	.03	.79																									0.84	
Fruitland	(C)		T.	.03	T.	.18	.10	.18	.04																					0.53		
Garrison		.12																														0.72
Government Creek		.39	.14	T.	T.	.12																									0.67	
Grantsville		.21	.02	T.	T.	.17																									0.43	
Green River	(C)		.10																												0.91	
Grouse Creek		.20	T.																												0.44	
Hanksville	(C)																															0.06
Hayden	(C)																															
Hoback		.12	.05	.20	.12	T.																										0.49
Hemer		.32	.19	.02	.60	.17	.48																									1.87
Howell																																
Hurricane	(C)																															0.17
Ibapah																																0.36
Indian Farm		.15	.11	T.	.20	T.	.09																								0.56	
Josepa		.31																														0.32
Junction																																0.64
Kanab	(C)																															0.15
Kanosh																																0.34
Kelton		.32																														0.39
La Sal	(C)																															0.39
Leeds, (near)	(C)																															0.39
Lemay		.40	.06																													0.35
Levan		.35																														0.35
Logan		.18	.10																													0.35
Low		.55	.10																													0.35
Lower American Fork		.01	.30																													1.12
Lower Mill Creek		.05	.30																													0.65
Luehn		.13	T.																													1.51
Mallina	(C)		.32																													0.16
Mills		.06	.03	.01	.65	.05																									0.80	
Milville		.37	.10																													1.52
Minerville																																0.53
Moab	(C)																															0.17
Modena ***																																0.85
Monticello	(C)																															
Morgan																																

CLIMATOLOGICAL DATA: UTAH SECTION

JUNE, 1915.

Daily Temperatures for June, 1915.

Stations.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean		
Black Rock.....	83	65	64	72	70	71	80	87	86	86	76	70	70	80	86	87	86	85	86	82	86	90	91	91	85	83	87	91	90	92	81.9			
	Minimum	53	38	39	35	36	43	35	48	52	47	49	28	32	36	42	46	36	53	46	40	36	39	44	38	45	40	35	40	44	41.2			
Blanding.....	50	41	40	40	34	41	39	42	42	49	47	36	42	40	47	52	52	55	53	49	53	50	54	52	53	52	50	51	51	57	47.1			
Burville.....	49	39	38	30	30	35	40	39	20	29	29	32	35	40	39	36	40	39	37	34	39	40	48	36	40	41	47	41	46	46	46.7			
Castle Dale.....	80	75	61	68	69	71	74	80	82	86	82	71	70	78	80	85	85	87	85	80	88	89	90	85	88	89	86	84	88	81	80	81		
	Maximum	41	40	38	40	42	44	40	45	48	52	53	44	38	42	46	58	49	56	54	48	52	55	58	57	59	49	42	45	59	47.8			
Corinne.....	79	57	62	72	71	69	77	84	85	79	75	65	69	74	84	88	81	81	81	82	84	85	85	90	94	87	71	73	84	85	89	78.7		
	Maximum	49	45	36	43	45	48	40	48	52	43	42	36	40	36	43	50	53	54	47	49	42	50	48	50	42	41	42	45	41	45	45	45	
Deseret.....	76	63	66	60	63	69	78	87	88	88	75	63	65	76	73	88	83	86	86	80	85	90	92	86	86	80	84	85	88	85	85	79.4		
	Maximum	48	35	33	43	40	45	48	47	48	45	29	32	35	45	49	45	42	42	45	42	46	52	51	53	42	43	45	51	52	44.9			
Dragon (near).....	73	64	61	63	61	57	71	79	81	81	82	76	65	69	80	83	79	83	82	80	88	89	88	86	81	82	83	85	85	85	85	77.4		
	Minimum	51	37	35	36	33	37	33	45	48	49	58	30	35	34	43	55	50	46	47	45	48	52	60	59	45	46	57	50	51	45.4			
Duchesne.....	76	61	64	58	66	58	72	81	83	83	79	65	66	69	76	73	79	77	81	76	80	85	85	87	79	83	82	85	85	85	83	76.1		
	Maximum	48	40	34	39	42	38	35	39	44	43	46	36	31	29	36	47	47	39	42	43	36	40	44	45	43	40	42	52	42	41	41		
Elberta.....	78	62	65	61	66	67	80	88	86	83	65	68	76	81	84	80	75	74	80	91	91	82	75	80	87	82	88	89	89	88	88	78.7		
Emery.....	49	40	33	42	44	42	38	53	61	48	52	35	37	35	42	48	51	53	50	42	41	46	56	58	42	42	45	49	49	45	45	45		
Fillmore.....	35	36	35	32	31	32	35	39	38	35	32	30	31	35	38	31	37	36	31	38	31	43	48	49	46	40	45	49	45	48	37.7			
Ft. Duchesne.....	81	65	65	64	71	76	80	90	87	76	77	72	80	87	90	85	85	86	84	88	93	95	85	87	87	85	85	90	90	86	86	86.2		
	Maximum	60	38	33	37	43	43	44	44	53	48	43	37	35	41	52	51	49	52	42	41	43	51	55	61	62	40	45	43	42	40	42	48	45
Fruitland.....	53	40	36	42	45	43	37	45	49	44	48	33	34	31	37	47	51	41	45	41	42	47	46	46	42	40	42	40	42	40	42	43.2		
Government Creek.....	72	57	60	60	69	64	76	80	84	81	77	62	64	74	83	86	87	88	85	87	75	79	83	88	84	84	84	84	84	84	84	76.6		
	Minimum	41	38	32	31	42	40	40	54	57	42	45	34	36	38	50	53	45	57	50	40	41	48	55	53	45	38	42	45	51	51	48	44.3	
Green River.....	83	73	68	69	71	73	74	83	94	91	91	88	94	91	94	93	92	93	97	96	92	93	91	91	92	97	97	97	97	97	97	97.1		
Henefer.....	63	46	53	44	60	54	64	70	74	74	79	75	78	75	80	88	94	91	94	93	97	98	95	97	98	97	97	97	97	97	97	97.1		
	Maximum	70	57	65	60	65	63	70	81	79	79	75	60	65	68	74	80	84	85	88	72	82	88	86	89	82	71	78	81	85	87	87.8		
Ibapah.....	42	41	31	37	33	36	32	40	43	42	42	34	28	31	38	38	40	43	34	36	39	39	34	32	36	48	48	48	48	48	48	48		
Kanab.....	85	86	85	87	84	83	84	85	86	85	87	84	85	86	87	88	89	89	92	93	92	93	98	98	98	98	98	98	98	98	98	98		
	Minimum	86	85	85	84	80	81	85	87	86	85	87	84	85	86	87	88	89	89	90	90	90	90	90	90	90	90	90	90	90	90	90	90	
Kelton.....	67	59	65	67	70	75	77	82	78	77	75	70	72	70	80	85	86	85	86	85	86	88	85	85	85	85	85	85	85	85	85	85.2		
La Sal.....	50	44	43	45	46	43	41	46	48	45	47	46	40	35	37	38	40	42	41	40	41	42	41	42	40	42	42	40	42	40	42	40.0		
Leeds (near) §§.....	77	82	64	71	79	84	85	91	92	85	86	78	82	86	87	88	91	86	88	87	90	93	93	95	90	91	93	93	93	93	93	93.9		
Lemay.....	70	64	62	66	68	72	78	80	79	73	69	68	74	76	78	80	80	77	82	85	88	80	80	85	85	85	85	85	85	85	85.1			
Lavan.....	50	50	51	52	50	51	54	57	51	51	44	48	50	52	53	55	56	57	58	53	55	56	59	60	60	56	58	60	60	60	54.7			
Logan.....	64	56	62	66	64	71	73	78	75	76	69	52	62	71	77	83	75	77	77	74	80	85	87	87	87	86	87	87	87	87	87.4			
	Maximum	45	41	37	42	44	42	43	54	50	46	43	38	37	42	48	51	53	42	44	51	54	59	63	42	43	48	52	44.9					
Low §§.....	60	65	69	70	72	70	80	88	84	80	80	60	68	70	78	84	80	86	87	85	83	85	86	85	86	85	85	85	85	85	85.3			
Lucin.....	42	38	40	42	45	46	45	50	60	50	46	39	41	40	46	50	52	57	52	50	55	56	52	54	54	54	54	54	54	54	54	54.3		
Manila.....	47	40	41	42	43	40	40	48	48	43	45	40	41	39	40	49	40	42	43	44	45	44	44	45	44	44	44	44	44	44	44	44.8		
Manti.....	85	84	27	36	30	33	34	30	31	28	29	29	29	29	30	32	34	32	35	35	39	40	40	42	44	44	44	44	44	44	44.9			
Mantle.....	75	60	53	59	64	80	82	82	82	79	75	66	72	77	84	78	79	81	78	79	82	87	87	87	87	87	87	87	87	87	87.2			
Meadowville.....	64	53	58	63	60	62	68	72	70	78	74	60	58	68	75	74	76	74	79	72	80	84	80	89	86	88	88	88	88	88	88.1			
	Minimum	43	36	38	35	38	47	46	45	46	39	35	34	33	32	29	30	31	32	31	32	36	37	45	41	39	43	43	43	43	43	43.8		
Millford.....	84	73	64	68	72	77	87	90	91	91	91	89	77	76	76	90	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92.6		
	Maximum	56	48	42	44	45	49	56	54	41	45	48	46	45	44	45	44	45	44	45	44	45	44	45	44	45	44	45	44	45	44.5			
Moab.....	84	73	64	68	72	73	77	90	91	91	91	89	77	76	76	90	90																	



JUNE, 1915.

Daily Precipitation for June, 1915.

Continued from page 51.

Stations.	Day of month.																													Total.			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
Saltair	.48	.17	.01		.02																												0.48
SALT LAKE CITY ***	.94	.34	.01	T.	.11	.02	T.	T.				T.	.01	T.																		1.44	
Santaquin	.35		.46		.21	.02	T.																									1.44	
Scipio	.10			.63				T.	T.																							1.64	
Scipio (near)	.20	T.	.09	.35	.02	T.		T.																							0.75		
Scofield	.61	.04	.20	.41	.12																										0.68		
Silver City																																0.68	
Snake Creek	.31				.30	.31		T.																								1.44	
Snowville	.16				.08																											0.16	
Spanish Fork	.13	.13			.15	.27																									0.45		
Springdale																																0.45	
Standrod	.41	.04																														0.48	
Sunnyside	.20				1.16																										0.10		
Teasdale																																0.72	
Thistle	.42	.02	T.	.48	.32																										1.36		
Thompson's																																0.09	
Tooele	.25	.01	T.																													0.26	
Tremonton																																0.26	
Tropic																																0.25	
Trout Creek Ranger	.28	.21	.60	.22	.18	.01	.01	.03	.01																				0.12				
University of Utah	.70	.20	.10																												2.24		
Utah Experiment Station																																1.94	
Vernal																																0.37	
Vernon	.21	.10		.06																											0.51		
Victor																																0.07	
Wendover																																0.24	
Whiskey Creek	.12	.62	.03																													0.21	
Winder		.14		.10																													
Woodruff																																	
Woodside																																	

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation.

||| Precipitation measured in the morning; amount then recorded is for the preceding 24 hours.

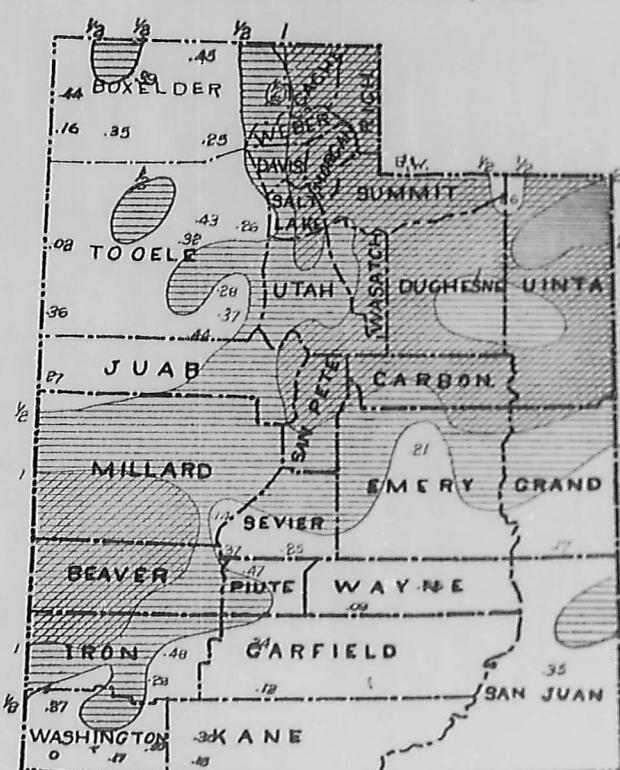
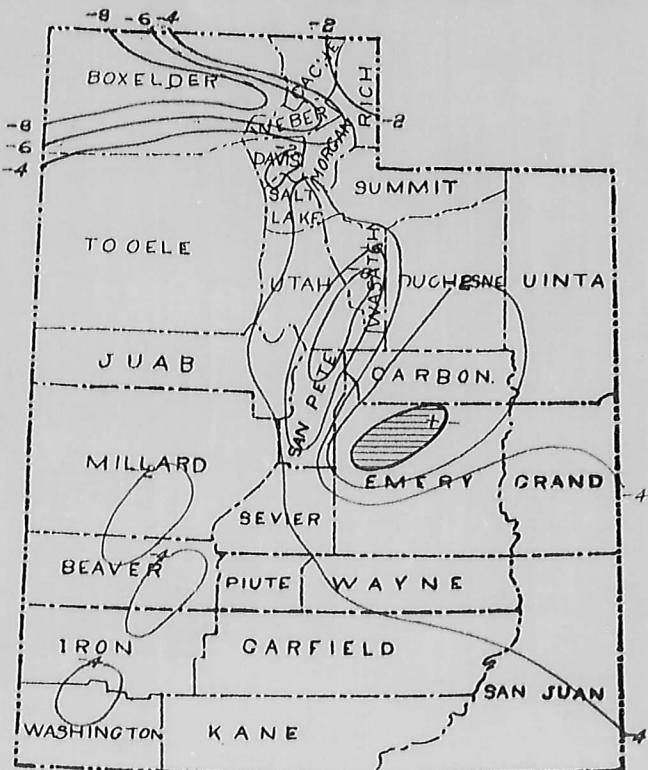
*** Regular Weather Bureau station; precipitation is for the 24 hour period, midnight to midnight.

* Precipitation included in the next following measurement. I Separate dates of falls not recorded. T. Indicates Trace, or less than 0.01 inch of rain or melted snow.

All stations are in the Great Basin except those marked (C) which are in the Colorado River drainage area.

Departure of Mean Temperature from the Normal, June, 1915.

Total Precipitation, inches, June, 1915.



SCALE OF SHADES—IN INCHES.

1/2	1 to 2	2 to 3	Over 3
Less than 1-2	1-2 to 1	2 to 2	Over 3

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Q D O
U. S. DEPARTMENT OF AGRICULTURE
WEATHER BUREAU

CHARLES F. MARVIN, CHIEF

CLIMATOLOGICAL DATA

UTAH SECTION

JULY, 1915

BY
ALFRED H. THIESSEN
SECTION DIRECTOR



SALT LAKE CITY, UTAH
WEATHER BUREAU OFFICE
AUGUST 20, 1915.
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Departure of the Mean Temperature from the Normal, July, 1915.



U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

UTAH SECTION.

ALFRED H. THIESSEN, Section Director.

VOL. XVII. SALT LAKE CITY, UTAH, JULY, 1915. No. 7.

GENERAL SUMMARY.

The temperature during the month averaged somewhat below normal and nearly the same as that of the corresponding month last year. The rainfall, however, was only about one-half of the normal amount and much less than that of July, 1914. The drought was severely felt in the northern half of the State. At the end of the month wheat and the second crop of alfalfa were being harvested. The crop of wheat while very good was not equal to that of last year. At Coalville the dry-farm grain was badly burnt. Water was deficient on the ranges near Castle Rock. Several places reported the driest July on record. The crops on the high land suffered most. While the drought was quite general, there were a few places where there was ample rainfall, notably, Modena, Cedar City and Fillmore. At the latter place a very heavy storm occurred on the 23d, said to be the heaviest in years.

PRESSURE.

The monthly mean atmospheric pressure for the State, reduced to sea level, was 29.82 inches, obtained from data at Salt Lake City and Modena.

The highest was 30.10 inches at Salt Lake City on the 20th. The lowest was 29.52 inches at Salt Lake City on the 5th.

TEMPERATURE.

The monthly mean temperature for the State as determined from 81 stations was 69.7° , which is 1.3° below the normal, and 0.4° below the average of July 1914. Most stations reported deficiencies in temperatures, the greatest being 10.2° at Kelton, whose average was 68.7° . The lowest temperatures occurred generally from the 1st to the 8th, and from the 15th to the 18th. At Scofield 27° was reported on the 31st, which was the lowest for the State. The highest temperatures were reported from the 11th to the 18th and from the 20th to the 22d as a rule; 110° was the highest temperature reported for the month, occurring at Woodside on the 5th, 14th and 15th.

HUMIDITY.

At Salt Lake City the mean relative humidity at 6 a. m. was 42 per cent, and at 6 p. m. 21 per cent. At Modena at 6 a. m. it was 50 percent, and at 6 p. m. 21 per cent.

PRECIPITATION.

The precipitation for the State averaged 0.39 inch, which is 0.37 inch below normal. Of 119 stations reporting there were 19 at which practically no rain fell. Of those stations having a record of 10 years or more all but three reported amounts be-

low normal. The greatest local monthly amount was 2.21 inches at Alton in Kane County. There were two periods during which scattered showers were recorded, from the 2d to the 9th and from the 22d to the 27th, but those showers were generally light and, as a rule, of no particular benefit to agriculture.

WIND.

The prevailing direction of the wind for the State was from the southwest. The average velocity at Salt Lake City was 8.8 miles per hour; the highest 31 miles per hour from the northwest on the 28th; and the prevailing direction from the southeast. At Modena the average velocity was 12.4 miles per hour; the highest 51 miles per hour from the east on the 24th; and the prevailing direction from the southwest.

SUNSHINE AND CLOUDINESS.

The monthly percentage of possible sunshine was 85 at Salt Lake City, and 79 at Modena.

For the State the average number of clear days was 20; partly cloudy, 8; and cloudy, 3.

NOTE:—Name of station at Vernon was changed to Benmore.

COMPARATIVE DATA FOR JULY.

Year.	Temperature.			Average precipitation.	Total snowfall.	Number of days			Prevailing wind.
	Mean.	Highest.	Lowest.			Rainy (0.01 inch or more).	Clear.	Partly Cloudy.	
1891									
1892	72.8	110	27	0.28	0	2			
1893	70.8	110	24	0.79	0	3	18	9	4 SW.
1894	70.4	109	26	0.71	0	5	13	15	3 SW.
1895	70.0	110	33	0.57	0	4	16	10	5 SW.
1896	72.0	111	33	1.81	0	7	13	11	7 SW.
1897	68.7	110	23	0.55	0	4	17	11	3 SW.
1898	73.4	115	28	0.35	0	2	21	8	2 SW.
1899	73.3	107	30	0.66	0	4	16	10	5 SW.
1900	72.6	111	30	0.09	0	1	23	6	2 SW.
1901	75.5	115	27	0.41	0	3	19	9	3 SW.
1902	68.4	112	17	0.32	T.	2	22	6	3 SW.
1903	71.0	110	27	0.52	0	3	20	7	4 SW.
1904	69.7	109	27	0.68	0	3	18	9	4 SW.
1905	71.5	112	26	0.52	0	2	19	8	4 SW.
1906	71.6	110	30	0.85	0	5	15	11	5 SW.
1907	70.1	108	29	0.58	0	3	17	10	4 SW.
1908	71.5	108	30	0.96	0	5	14	11	6 SW.
1909	71.1	110	30	1.17	0	5	18	7	6 SW.
1910	73.2	110	32	1.07	0	5	12	12	7 SW.
1911	69.5	106	21	0.96	0	5	14	11	6 SW.
1912	68.6	105	24	1.28	0	6	11	11	9 S.
1913	69.5	111	21	1.24	0	6	14	10	7 S.
1914	70.1	110	31	1.81	T.	8	10	11	10 SW.
1915	69.7	110	27	0.30	0	2	20	8	3 SW.

GREAT SALT LAKE WATER LEVEL RECORDS AT SALTAIR.

(Feet and tenths.)

Zero of gage is 4,212.9 feet above sea level.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
1915. { 1st	+5.6	+5.7	+6.0	+6.2	+6.3	+6.3	+6.0						
15th	+5.6	+5.8	+6.1	+6.3	+6.3	+6.2	+6.8						

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CLIMATOLOGICAL DATA: UTAH SECTION

JULY, 1915.

Climatological Data for July, 1915.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.				Greatest daily range,	Departure from the normal,	Precipitation, inches.	Number of days	Total snowfall, unopened.	With precipitation on or more than 1 inch	Cloudy.	Partly cloudy.	Prevailing direction of wind.	Observers.			
				Mean.	Departure from the normal.	Highest.	Date.													
Alton.	Kane	12	61.3	81	23	34	6	41	2.21	-0.89	0	7	16	8	7	SW	Wm. M. Cox			
Beaver.	Iron	6,000	10	67.0	-1.2	94	17 ¹	37 ²	30	52 ³	1.41	-0.09	0.51	0	6	18	13	0	S. Z. Jenkins	
Black Rock.	Millard	4,872	11	70.8	-0.9	98	21 ¹	42	18	53	0.45	-0.15	0.25	0	2	15	5	2	Agent Salt Lake Route	
Blanding.	San Juan	6,000	7	65.9	-0.5	90	19	49	24 ¹	35	1.43	-0.59	0.48	0	8	19	7	5	E. F. Thompson	
Bluff.	San Juan	4,200	2	73.1	-0.5	95	13	47	7	43	0.75	-0.50	0.50	0	2	31	0	0	E. L. Goodridge	
Brigham City.	Boxelder	4,305	2	72.8	-0.5	97	22	52	24	33	1.06	-0.74	0	4					N. Merrill Valentine	
Burryville.	Sevier	6,800	3																F. R. Curtis	
Castle Dale.	Emery	5,500	15	71.4	+2.2	93 ¹	16 ¹	47	8	40	0.20	-0.53	0.20	0	1	31	0	0	Miss Zetta Jeffs	
Cedar City ^{††} .	Tooele	5,750	10	70.4	-2.8	90 ¹	20	46 ¹	6	38 ²	1.61	+0.26	1.01	0	3	13	8 ²	5 ²	Parley Dall [†]	
Center ^{††} .	Boxelder	4,240	44	71.8	-1.8	100	22	39	4	45	T.	-0.22	-0.46	T.	0	0	11	17	3	L. C. Peterson
Corinne.	Millard	4,541	19	71.1	-1.3	95	21 ¹	37	15	49	0.23	-0.03	0.12	0	2	22	6	3	A. C. Murphy	
Dragon (near).	Uinta	6,210	4	71.4	-0.5	92	14	47	4	38	0.14	-0.06	0.06	0	4	30	0	1	S. W. Western	
Duchesne.	Wasatch	5,500	7	66.0	-0.9	93	23	37	30	49	0.08	-0.06	0.06	0	3	14 ¹	16 ¹	0	Hooper D. Ford	
East Portal.	Utah	7,650	2	56.8	-0.5	81	22	33	61	47	0.61	-0.45	0	3	20	11	0	Reclamation Service		
Elberta.	Emery	4,650	12	74.4	-0.3	98	22	48	48	18 ¹	T.	-0.47	T.	0	0	22	9	0	D. C. Walker	
Farmington.	Millard	6,200	13	63.4	-2.2	88	13	40	51	33	T.	-0.69	T.	0	0	13	4	14	H. C. Wickman	
Fillmore.	Davis	4,268	13	73.6	+1.3	96	13	48	17	41	0.00	-0.55	0.00	0	0	30	1	0	Chas. Boykin	
Flt. Duchesne.	Uinta	5,100	22	75.3	0.0	98	14	50	18	43	1.09	+0.35	1.01	0	3			J. J. Starkey		
Fruthland.	Boxelder	4,941	26	70.1	-1.0	94	22	44	67	45	0.05	-0.43	0.03	0	2	26	5	0	Geo. W. Dickson	
Garland.	Tooele	6,725	4															J. E. L. Carson		
Garrison.	Boxelder	4,248	2	70.4	-0.5	100 ¹	22	44	2	44 ¹	0.41	-0.16	0	5	23	6	2	J. T. Roberts		
Government Creek ^{††} .	Millard	4,850	10															E. M. Smith		
Green River.	Tooele	5,277	13	71.7	-1.0	94	21	45	15 ¹	43	0.27	-0.36	0.09	0	4	26	5	0	Walter James	
Hancksville.	Emery	4,080	14	77.6	-1.9	103	19	51	41 ¹	49	0.09	-0.20	0.09	0	1	19	12	0	E. E. Adams	
Hooper.	Wayne	4,200	3	74.8	-1.7	102 ¹	16	44	7	54	0.01	-0.01	0.01	0	1	21	3	0	I. J. White	
Henefer.	Wasatch	5,593	21	64.2	-1.5	92	21	35	2	50	0.21	-0.55	0.15	0	2	24	7	0	John Crook	
Idahap.	Summit	6,301	14	63.9	-1.0	93	21 ¹	33	18	56	0.44	-0.67	0.68	0	4	25	8	0	Wm. Brewster	
Iosepa.	Tooele	7,500	9	68.1	-0.5	94	20 ¹	36	18	51	0.00	-0.00	0.00	0	0	16	15	0	W. M. Chastain	
Kanab.	Tooele	4,356	3	69.8	-0.5	99	10	41	29	53	0.03	-0.03	0.03	0	1	24	7	0	James K. Halemanu	
Kelton.	Boxelder	4,925	6	73.2	-0.5	98	114	43	57	50	0.76	-0.30	0.50	0	5			D. D. Rust		
La Sal.	San Juan	4,230	31	68.7	-10.2	98	22	39	9	55	0.33	-0.03	0.21	0	3	2	29	0	F. W. Kloek	
Leeds (near).	Washington	7,000	11	71.8	+4.9	84 ¹	17 ¹	50 ²	26	32	0.81	-0.39	0.32	0	5	17	13	1	La Sal Livestock Co	
Lehi.	Utah	3,400	2	74.8	-0.5	95	47	51	7	37	0.45	-0.45	0.45	0	1	15	3	13	B. F. Anderson	
Lemay.	Boxelder	4,221	3	73.0	-0.5	97	22	48	17 ¹	45 ²	0.30	-0.30	0.30	0	1	19 ¹	6 ¹	0	Joseph Anderson	
Levan.	Juab.	5,010	24															Art. Southern Pacific Co.		
Logan.	Cache	4,507	23	67.0	-1.2	95 ¹	25	48	18	35 ²	0.22	-0.29	0.22	0	1	18	13	0	Clarence Gardner	
Low.	Tooele	4,602	3	72.9	-0.5	94	16	50	27	40	0.00	-0.00	0.00	0	0	20	11	0	Experiment Station	
Lower American Fork.	Utah	5,063	1	74.4	-0.5	96	21	49	6	33	0.38	-0.42	0	2	24	7	0	Art. Western Pacific Co.		
Lower Mill Creek.	Salt Lake	1	74.0	-0.5	93	21 ¹	51	15 ¹	32	T.	-0.00	-0.13	0.14	0	0	13	14	1	Utah Light & Power Co.	
Lucin.	Boxelder	4,504	7	71.2	-0.5	98	23	42	15	48	0.28	-0.20	0.20	0	2	28	3	0	D. Folker	
Mammoth.	Uinta	6,225	4	65.9	-0.5	90	18 ¹	40	11	41	0.57	-0.21	0.21	0	4	24	6	1	E. C. Puryear	
Marysvale.	Pinto	5,575	19	67.0	-2.3	88	12 ¹	42	7	44	0.25	-0.50	0.14	0	3	6	8	17	D. M. Nelson	
Meadowville.	Rich.	6,200	13	65.0	+0.9	94	21	37	18	49	0.30	-0.25	0.20	0	2	29	1	1	J. M. Anderson	
Midlake.	Boxelder	4,235	3	76.1	-0.5	89	22	60	74	23	T.	-0.00	-0.19	0.10	2	2	19	10	2	J. S. Moffat
Mitydale.	Salt Lake	4,365	2	73.8	-0.5	100 ¹	22	43	18 ¹	52	0.25	-0.11	0.11	0	6	23	8	0	Stella M. Gibson	
Mitford.	Beaver	4,962	6	71.0	-0.5	98 ¹	22	39 ²	15 ¹	51 ²	1.13	-1.09	0.00	0	3			E. D. Gammon		
Moab.	Grand	4,000	24	76.8	-0.8	99	9	50	7	48	0.51	-0.12	0.31	0	2	13	14	1	Delta Land & Water Co.	
Modena.	Iron	5,470	13	62.9	-6.8	91	21	45	6	38	1.41	+0.15	0.88	0	5	18	8	5	Henry Cross	
Monticello.	San Juan	7,050	6	64.6	-0.5	87	19	43	24	33	1.75	-0.60	0.00	0	8	20	11	0	U. S. Weather Bureau	
Morgan.	Morgan	5,068	10															E. H. Barton		
Moroni.	Pinto	6,000	6	69.6	-0.5	87	20	51 ²	31 ²	34 ²	T.	-0.00	-0.14	0.16	0	1	30	1	0	C. H. Bishop
Mosida.	Tooele	4,510	2	70.6	-0.5	93	16	47	10	46	0.26	-0.12	0.13	0	0	19	11	6	B. F. Elliston	
Mountain Home.	Duchesne	6,000	1	63.4	-0.5	92	17	47	61	60	0.23	-0.06	0.06	0	4	29	2	0	Mosida Fruit Lands Co.	
Nephi (near).	Carbon	5,557	9	63.6	-0.5	91	11 ¹	43	30	42	0.31	-0.15	0.15	0	3	15	10	6	Oscar Wilkins	
Oak City.	Utah	4,900	7	70.4	-0.5	95	19	49	38	48	0.16	-0.16	0.16	0	1	22	9	0	J. W. Jones	
Orden.	Garfield	5,590	2	66.8	-0.5	93	9	30	14 ¹	42	0.34	-0.28	0.28	0	2	22	2	3	Ralph Shorten	
Panguitch.	Summit	7,000	14	61.4	-2.8	89	21 ¹	31	10	51	0.94	-1.26	0.63	0	2	19	10	2	Edwin L. Stremmel	
Park City.	Iron	5,070	23	69.8	-0.9	99 ¹	21	45	6	38	0.35	-0.12	0.73	0	4	21	1	9	Alex Matheson	
Parowan.	Washington	6,335	2	62.3	-0.5	96 ¹	22	34 ²	29	39	0.00	-0.00	0.00	0					Granville Deming	
Pine View.	Washington	5,907	16	61.4	+1.9	92 ¹	2	39 ²	9	45 ²	0.81	-0.40	0.38	0	3	8	11	9 ²	J. H. Harrison	
Pinto.	Carbon	5,557	2	69.2	-0.5	91	11 ¹	43	30	42	0.31	-0.15	0.15	0	3	15	10	6	Walter Bass	
Price.	Boxelder	4,535	20	69.1	+3.7	92 ¹	22	43	20	47	0.17	-0.13	0.17	0					Reclamation Service	
Richfield.	Sevier	5,350	20	67.0	-1.6	93	22	42	5	49	0.45	-0.38	0.38	0	3	22	9	0	Simon Carlsensen	
Riverton.	Iron	5,200	20	70.6	-0.5	95	21	42	6	46	0.45	-0.40	0.40	0	2	22	7	1	Eugene Bone	
Sabina.	Tooele	4,310	1	73.3	-0.5	94	11	47	18	46	T.	-0.00	-0.21	0.10	0	0	21	10	6	Earl Markwith
St. George.	Washington	2,886	11	81.4	-0.7	105 ¹	16	52	17 ¹	53 ²	0									

JULY, 1915.

CLIMATOLOGICAL DATA: UTAH SECTION

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Daily Precipitation for July, 1915.

Continued on page 62.

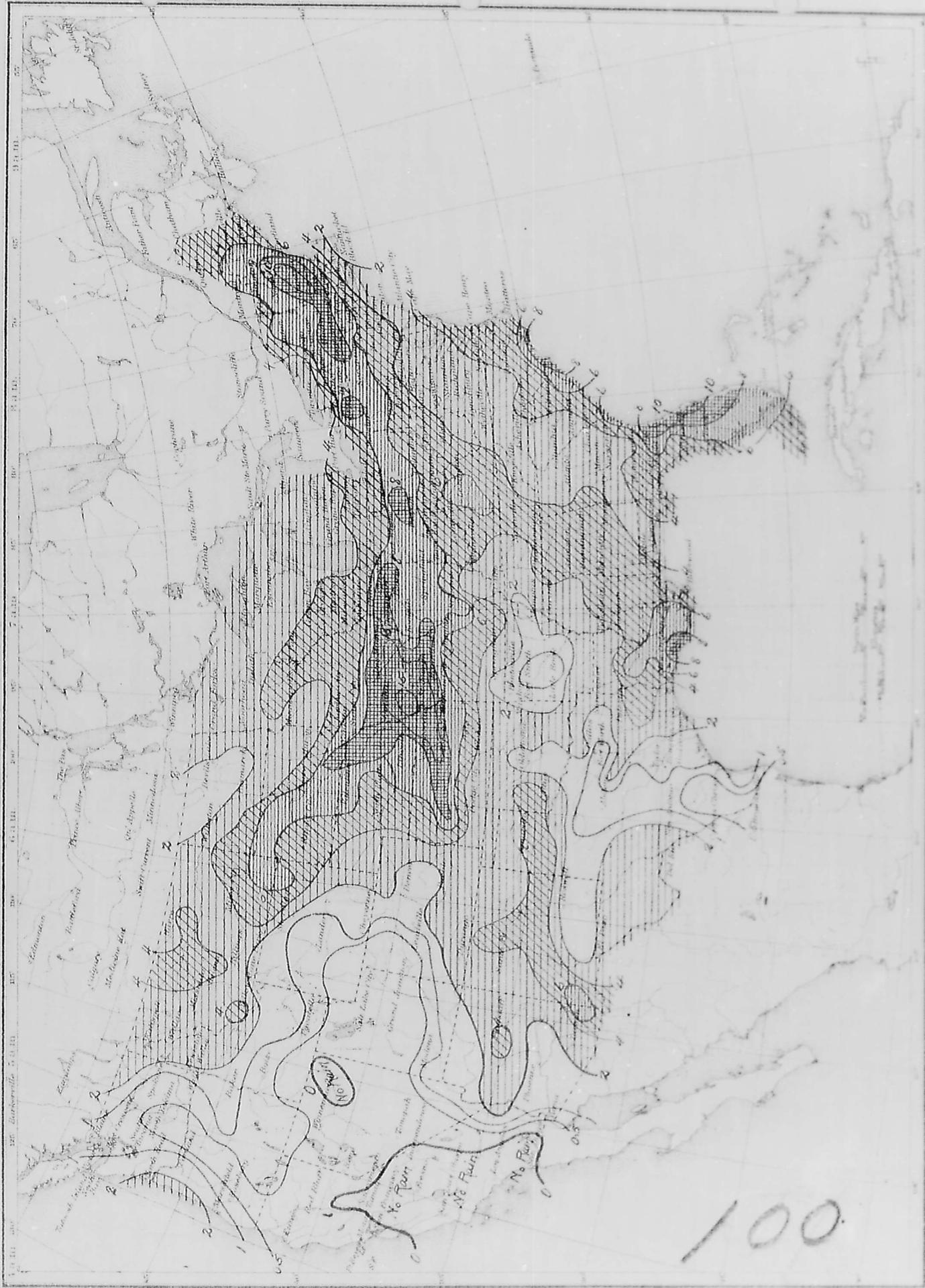
CLIMATOLOGICAL DATA: UTAH SECTION

JULY, 1915.

Daily Temperatures for July, 1915.

Stations.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Black Rock.....	86	92	87	90	87	84	89	91	90	90	91	92	91	90	95	95	96	94	92	92	92	88	87	88	88	88	88	88	88	88	88	
Minimum.....	49	51	48	45	45	47	49	55	52	48	58	52	54	45	46	50	42	48	60	54	57	59	57	52	50	52	56	58	51	51		
Blanding.....	79	79	75	75	78	82	83	85	87	87	87	87	87	86	88	89	89	84	80	82	81	83	82	75	76	78	81	81	81			
Burrville	58	49	50	50	49	50	51	60	35	57	59	56	59	57	56	57	57	60	35	55	57	60	56	55	55	58	58	58	55	55		
Burwell	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55		
Castle Dale.....	85	90	88	89	84	85	83	85	80	89	91	91	92	92	89	93	89	90	91	92	93	93	90	92	91	91	91	91	91	91	91	
Corinne.....	86	83	81	82	90	98	80	89	87	87	90	94	92	85	90	87	93	97	100	97	96	98	98	90	90	90	90	90	90	90	90	
Deseret	43	41	42	39	60	58	54	58	47	49	63	72	60	53	50	52	47	55	53	57	56	55	55	54	54	53	53	53	53	53	53	
Dragon (near).....	89	90	92	87	83	85	91	84	92	91	90	88	91	89	91	90	84	93	95	95	95	95	95	95	95	95	95	95	95	95	95	
Dragon (near).....	50	53	51	47	47	48	58	61	62	56	61	63	60	50	53	55	49	47	53	58	58	51	56	61	59	55	55	54	54	54	54	
Duchesne.....	86	85	84	81	87	85	82	85	87	89	91	90	91	92	89	91	91	88	90	88	90	88	90	88	90	88	90	88	90	88	90	
Duchesne.....	45	43	45	40	49	46	47	51	49	45	44	45	47	41	43	46	50	44	43	43	47	52	45	45	42	37	44	46	45	45	45	
Elberta	90	88	85	88	91	83	83	92	88	93	94	96	97	94	88	94	90	89	94	95	98	92	92	90	90	93	92	90	90	90	90	90
Emery.....	50	51	54	49	54	57	56	57	62	53	71	76	61	68	51	49	58	53	48	53	48	60	61	64	63	63	62	62	62	62	62	
Fillmore.....	70	69	71	70	68	69	71	70	72	75	78	80	82	80	85	82	81	80	85	82	81	82	85	81	82	85	81	82	85	81	82	
Ft. Duchesne.....	87	90	90	92	90	91	87	94	90	93	93	94	94	94	98	90	95	91	93	94	88	95	96	93	90	95	93	94	93	94	93	
Ft. Duchesne.....	58	57	59	57	53	54	54	64	67	52	63	70	71	66	51	60	56	50	54	58	63	58	60	58	55	67	63	58	55	55	55	
Fruitland	90	89	88	83	89	81	84	85	87	88	93	92	91	88	89	88	90	91	91	93	94	93	93	93	93	93	93	93	93	93	93	
Fruitland	50	51	49	45	54	44	54	51	51	54	55	54	53	44	45	50	54	53	54	55	54	55	54	54	54	54	54	54	54	54	54	
Government Creek.....	85	85	83	83	86	78	81	86	83	89	91	91	91	86	84	91	85	88	90	91	93	93	93	93	93	93	93	93	93	93	93	
Green River.....	53	52	57	50	50	56	57	51	51	54	52	45	54	51	45	50	49	63	65	60	59	59	52	52	52	52	52	52	52	52	52	
Henefer	94	95	90	92	97	89	89	97	98	99	100	98	99	102	100	103	100	98	97	95	96	95	95	95	95	95	95	95	95	95	95	
Henefer	53	55	61	51	51	55	51	69	60	59	58	61	51	53	57	58	66	64	69	63	68	62	54	54	51	51	51	51	51	51	51	
Ibapah	37	41	40	49	44	48	44	48	42	52	53	45	40	39	38	33	36	35	40	50	48	48	43	46	55	45	37	36	35	35	35	
Kanab.....	90	90	86	90	86	80	88	85	90	93	93	93	93	85	94	93	90	89	89	94	94	94	94	94	94	94	94	94	94	94	94	
Kelton	95	88	87	87	89	82	77	86	85	87	90	92	90	83	82	83	85	83	82	96	88	94	92	90	90	88	89	90	90	90	90	
Kelton	40	44	48	49	49	53	44	42	40	40	50	57	58	49	45	48	45	45	43	50	53	56	53	52	50	54	52	52	52	52	52	
La Sal.....	64	67	63	65	66	63	65	64	66	67	68	68	69	68	66	69	69	70	59	62	62	62	63	60	58	60	62	62	62	62		
Leeds (near) §§.....	81	88	89	95	90	83	91	93	94	92	94	93	92	91	90	94	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	
Lemay	61	65	65	70	66	60	61	52	66	64	60	62	62	59	60	60	61	64	67	69	69	68	61	65	66	61	58	58	58	58	58	
Levan	65	68	69	67	67	62	59	63	71	67	71	73	71	68	62	65	62	63	64	66	70	70	70	70	70	70	70	70	70	70	70	
Logan	83	83	82	83	83	80	75	83	82	81	87	88	82	82	83	82	84	88	92	93	92	90	95	87	82	80	79	79	79	79	79	79
Low §§.....	53	53	54	51	59	54	54	52	57	51	53	56	53	55	50	55	56	48	50	58	65	63	57	55	55	55	55	55	55	55	55	
Lucin	58	57	56	56	54	54	52	58	60	60	65	66	65	65	66	65	66	64	68	66	58	61	52	56	50	53	52	52	52	52	52	
Manila	91	90	90	90	88	88	88	86	85	88	90	94	91	90	84	93	92	95	95	96	97	98	94	91	91	91	91	91	91	91	91	91
Manila	50	51	51	52	52	52	53	49	49	50	49	51	52	54	52	54	47	46	45	48	48	48	48	48	48	48	48	48	48	48	48	
Manila	40	41	44	40	42	42	42	45	42	45	41	51	51	51	52	55	52	54	54	49	46	46	53	51	51	51	51	51	51	51	51	
Manti	83	84	78	84	77	78	85	83	87	87	88	88	85	85	85	87	87	87	87	84	85	85	87	84	84	84	84	84	84	84	84	
Meadowville	80	78	75	93	85	88	81	81	87	77	80	91	77	80	78	81	80	81	84	89	94	90	88	84	84	84	84	84	84	84	84	
Milford	45	49	40	52	49	48	40	43	40	52	38	53	50	47	45	49	39	42	37	41	43	45	45	51	55	58	55	55	55	55	55	
Milford	90	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	
Moab	88	92	92	93	94	99	93	94	95	96	95	98	98	98	97	96	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	
Moab	53	54	53	51	59	56	56	56	56	56	56	63	64	64	65	67	55	53	52	49	48	48	48	48	48	48	48	48	48	48		
Modena	76	86	84	87	80	79	82	87	87	86	85	86	85	85	85	87	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	
Monticello	83	82	81	82	80	81	81	84	86	86	84	81	85	82	85	82	85	87	88	88	88	88	88	88	88	88	88	88	88	88	88	
Monticello	52	55	51	55	52																											

Total Precipitation, Inches, July, 1915.



CLIMATOLOGICAL DATA: UTAH SECTION

JULY, 1915.

Daily Precipitation for July, 1915.

Continued from page 59.

Stations.	Day of month.																													Total.			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
Richmond																																	0.47
Riverville																																	T
Sahara																																	0.45
St. George																																	0.46
Saltair																																	T
SALT LAKE CITY***																																	0.02
Santaquin																																	0.04
Scipio																																	0.15
Scipio (near)																																	1.25
Sciofield																																	0.81
Silver City																																	0.82
Silver Lake																																	0.41
Snake Creek																																	0.64
Snowville																																	2.22
Spanish Fork																																	T
Springdale																																	0.11
Standrod																																	0.74
Sunnyside																																	0.37
Teasdale																																	0.36
Thistle																																	0.08
Thompson																																	0.11
Tooele																																	0.49
Tremonton																																	0.28
Tropic																																	T
Trout Creek Ranger																																	0.45
University of Utah																																	0.79
Utah Experiment Station																																	0.58
Vernal																																	T
Victor																																	0.00
Wendover																																	0.18
Whiskey Creek																																	1.28
Winder																																	0.09
Woodruff																																	0.09
Woodside																																	0.09

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation.

||| Precipitation measured in the morning; amount then recorded is for the preceding 24 hours.

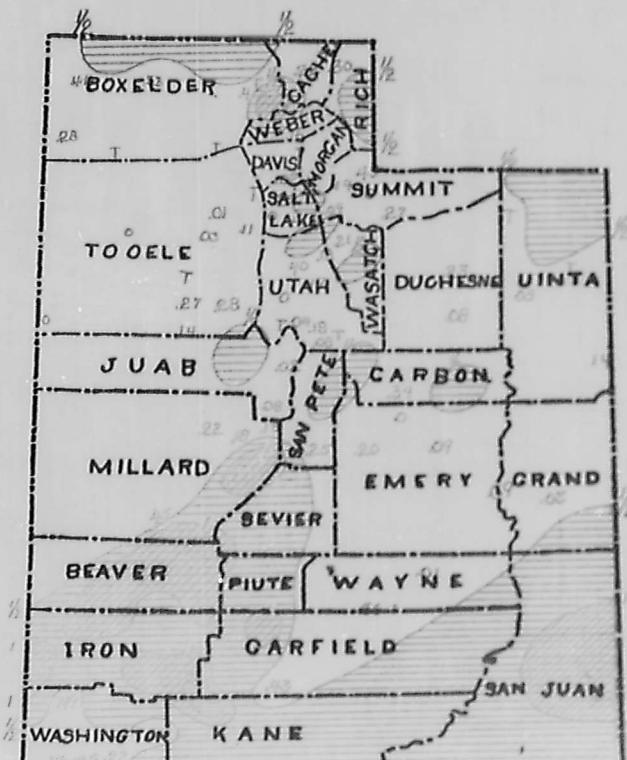
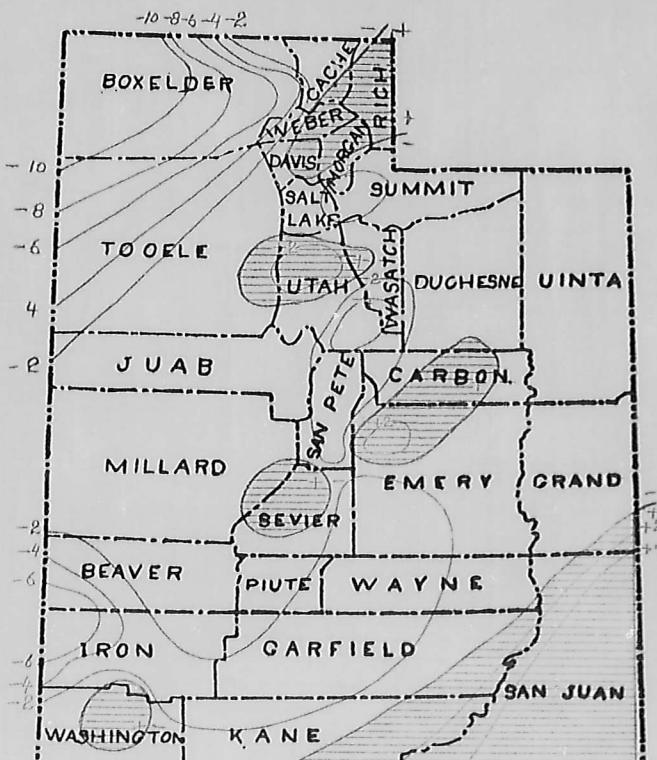
*** Regular Weather Bureau station; precipitation is for the 24 hour period, midnight to midnight.

* Precipitation included in the next following measurement. T Separate dates of falls not recorded. T. Indicates Trace, or less than 0.01 inch of rain or melted snow.

All stations are in the Great Basin except those marked (C) which are in the Colorado River drainage area.

Departure of Mean Temperature from the Normal, July, 1915.

Total Precipitation, inches, July, 1915.



SCALE OF SHADES—IN INCHES

Less than 1/2	1/2 to 1	1 to 2	2 to 3	Over 3
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U. S. DEPARTMENT OF AGRICULTURE
WEATHER BUREAU

CHARLES F. MARVIN, CHIEF

CLIMATOLOGICAL DATA

UTAH SECTION

AUGUST, 1915

BY

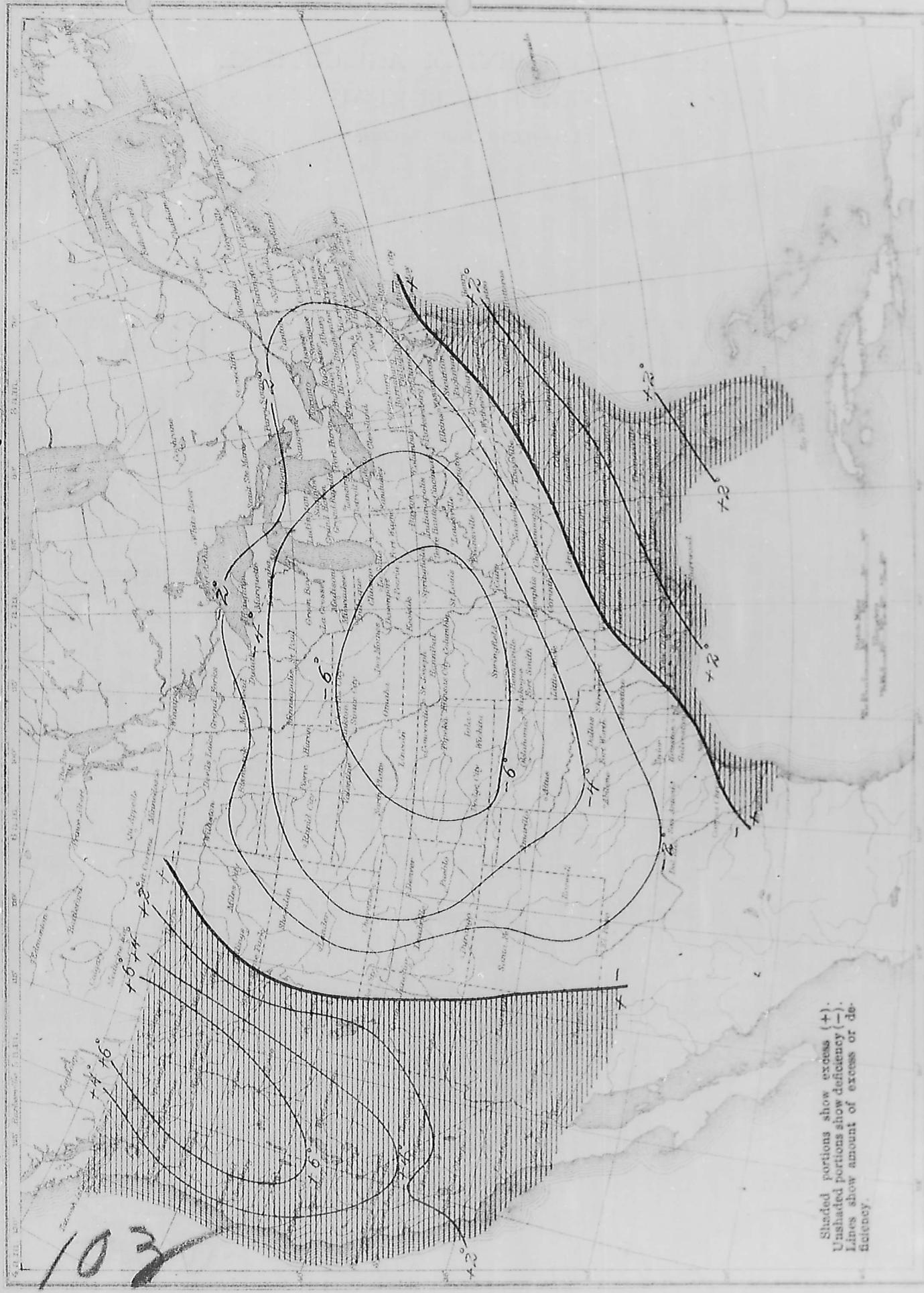
ALFRED H. THIESSEN
SECTION DIRECTOR



SALT LAKE CITY, UTAH
WEATHER BUREAU OFFICE
SEPTEMBER 20, 1915.

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Departure of the Mean Temperature from the Normal, August, 1915.



Shaded portions show excess (+).
Unshaded portions show deficiency (-).
Lines show amount of excess or deficiency.

August, 1915.

CLIMATOLOGICAL DATA: UTAH SECTION.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

UTAH SECTION.

ALFRED H. THIESSEN, Section Director.

VOL. XVII. SALT LAKE CITY, UTAH, AUGUST, 1915. No. 8.

GENERAL SUMMARY.

The drought which began in Utah in the second decade of June continued through July and August, and is thought to be the most general and longest experienced in this State since 1892.

The temperature during August averaged slightly below normal, the mean being nearly the same as in August last year. The rainfall was very light, and is comparable only with August in 1892, when much cattle died on account of the scarcity of water. Many observers reported that the present August was the driest, and that the streams were the lowest ever known. However, fair crops of grain and alfalfa were harvested, and by the end of the month most of the thrashing was completed, except at the more elevated places. The grasses on the ranges were badly burned, and water was very scarce. At the end of the month the harvesting of fruit and tomatoes was begun, but owing to late spring frosts the fruit crop will be light in many sections.

PRESSURE.

The monthly mean atmospheric pressure for the State, reduced to sea level, was 29.90 inches, obtained from data at Salt Lake City and Modena.

The highest was 30.13 inches at Modena on the 28th.

The lowest was 29.66 inches at Salt Lake City on the 21st.

TEMPERATURE.

The monthly mean temperature for the State as determined from 80 stations was 70.1° , which is 0.3° below the normal. In the central and northwestern portions of the State the monthly mean temperature was below normal, while in the west-central and eastern counties it was above. The greatest local deficiency in temperature was 3.7° at Kelton whose mean was 72.4° , and the greatest excess was 4.1° at La Sal whose mean was 70.7° . The highest temperatures for the month were reported generally on the 9th, 10th and on various dates in the last decade. Nearly every station reported maximum temperatures of 90° or over, the highest for the State being 107° at St. George on the 8th and 30th, and at Midvale on the latter date. The minimum temperatures occurred usually from the 1st to the 3d, the lowest reported being 32° at Pine View on the 1st.

HUMIDITY.

At Salt Lake City the mean relative humidity at 6 a. m. was 36 per cent, and at 6 p. m. 20 per cent. At Modena at 6 a. m. it was 41 per cent, and at 6 p. m. 16 per cent.

PRECIPITATION.

The precipitation for the State averaged 0.23 inch, which is 0.78 inch below normal. There were 124 stations in the State that reported, and of these 26 recorded no rain or only a trace. All stations reported monthly amounts below normal, and most of them were considerably below. The precipitation chart shows the greater amounts to have fallen at the elevated stations in the Wasatch and Uinta mountains, and the lesser amounts at the lower elevations. The very light showers that fell occurred generally on or about the 6th, 16th and 24th. The

greatest local amount was 2.00 inches at Trout Creek Ranger station; and the greatest 24-hour amount was 0.90 inch at Blanding on the 14th.

No snowfall was reported. In the high mountains the snow had practically disappeared and at the end of the month there was insufficient water for irrigating and other purposes.

WIND.

The prevailing direction of the wind for the State was from the southwest. The average velocity at Salt Lake City was 7.5 miles per hour; the highest 40 miles per hour from the southeast on the 16th; and the prevailing direction from the southeast. At Modena the average velocity was 10.2 miles per hour; the highest 38 miles per hour from the north on the 30th; and the prevailing direction from the west.

SUNSHINE AND CLOUDINESS.

The monthly percentage of possible sunshine was 85 at Salt Lake City, and 91 at Modena.

For the State the average number of clear days was 19, partly cloudy, 8; and cloudy, 4.

CORRECTIONS.

June, 1915:—Mountain Home, minimum temperature should be 30° ; Woodside, minimum temperature should be 34° . July, 1915:—Mountain Home, minimum temperature should be 42° ; Woodside, minimum temperature should be 46° . Discard all other temperature data for both stations for these two months.

COMPARATIVE DATA FOR AUGUST.

Year.	Temperature.			Average precipitation.	Number of days				
	Mean.	Highest.	Lowest.		Total snowfall.	Rainy (one inch or more).	Clear.	Partly cloudy.	Cloudy.
1891	70.6	113	23	0.27	0	2			
1892	68.1	112	25	1.23	0	7	15	5	11 SW.
1893	69.5	107	25	0.81	0	6	12	15	4 SW.
1894	70.6	110	29	0.35	0	3	17	11	3 SW.
1895	69.7	107	33	1.04	0	6	16	10	5 SW.
1896	69.4	111	35	0.40	0	4	17	10	4 SW.
1897	73.5	110	35	0.60	0	5	13	13	5 SW.
1898	65.7	102	24	0.96	0	4	19	7	5 SW.
1899	68.5	109	26	0.34	0	2	21	7	3 SW.
1900	72.3	111	31	1.63	0	7	14	11	6 SW.
1901	69.4	110	23	0.51	0	3	19	8	4 SW.
1902	71.8	110	27	0.38	0	2	20	9	5 SW.
1903	69.4	104	22	1.06	0	6	12	12	8 SW.
1904	71.4	110	26	0.74	0	4	17	9	5 SW.
1905	68.9	105	29	2.09	0	7	15	10	6 SW.
1906	67.7	121	26	1.56	0	6	14	11	6 SW.
1907	68.1	109	22	1.20	0	6	16	9	6 SW.
1908	70.5	106	28	3.02	0	10	10	11	10 SW.
1909	69.8	107	20	0.79	0	4	15	10	6 SW.
1910	70.1	110	24	0.30	0	2	20	8	3 SW.
1911	67.9	103	24	0.98	0	5	16	10	5 SW.
1912	70.0	104	26	1.06	0	6	13	10	8 SW.
1913	70.5	109	27	0.41	0	3	17	9	5 SW.
1914	70.1	107	32	0.23	0	2	19	8	4 SW.
1915									

GREAT SALT LAKE WATER LEVEL RECORDS AT SALT AIR.

(Feet and tenths.)

Zero of gage is 4,212.9 feet above sea level.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
1915.	1st +5.6	+5.7	+6.0	+6.2	+6.3	+6.3	+6.0	+5.5					
	15th +5.6	+5.8	+6.1	+6.3	+6.3	+6.2	+5.8	+5.3					

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CLIMATOLOGICAL DATA: UTAH SECTION

AUGUST, 1915.

Climatological Data for August, 1915.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.				Precipitation, inches.			Number of days	Prevailing direction of wind.	Observers.		
				Mean.	Departure from the normal.	Highest.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.			
Alton.	Kane.	12	62.0	88	10	41	23	39	0.63	0.20	0	6	14	1 SW.	
Beaver.	Beaver.	6,000	10	68.6 - 0.8	101	9	38	25	57	0.69 - 1.07	0.30	0	4	24	7 0 S.
Black Rock.	Millard.	4,872	11	69.0 - 0.4	98	9 ^t	38	20 ^t	89	0.74	0.24	0	0	14	10 7 S.
Blanding.	San Juan.	6,000	7	69.4 - 0.4	89	28	51	15	34	1.70	0.90	0	5	21	9 1 SW.
Bluff.	Brigham City.	4,200	2	71.8 + 0.2	96	12	51 ^t	20	44 ^t	T.	T.	0	0	28 ^t	0 ^t 0 ^t
Burrville.	Boxelder.	4,305	2	75.7 - 0.2	97	4 ^t	51	1	35	0.02	0.02	0	1	1	
Castle Dale.	Sevier.	6,800	3	56.0 - 0.2	79 ^t	3	38 ^t	14 ^t	37 ^t	0.00	0.00	0	1	1	
Cedar City ^{††} .	Emery.	5,500	15	72.0 + 0.4	92	12 ^t	48	17	40	0.19 - 0.95	0.14	0	2	29	2 0
Cedar City ^{††} .	Iron.	5,750	10	72.2 + 1.6	91	9 ^t	51	1	83	0.17 - 0.85	0.14	0	2	21	8 2 SW.
Center ^{††} .	Tooele.	4,250	3	74.0 - 0.3	98	10 ^t	50	3 ^t	45	0.00	-0.60	0.00	0	26	4 1
Corinne.	Boxelder.	4,240	44	74.0 - 0.3	98	10 ^t	50	2	51	0.14 - 0.38	0.12	0	2	26	2 3 S.
Deseret.	Millard.	4,541	19	71.2 - 0.1	98	20	42	1	44	0.00	0.00	0	2	26	1 4 S.
Dragon (near) ^{††} .	Uinta.	6,210	3	68.9 - 0.2	92	4	44	26	42	0.09	0.08	0	2	26	1 4 S.
Duchesne.	Duchesne.	5,515	7	66.0 - 0.2	93	9	40 ^b	2 ^t	49 ^t	0.18	0.14	0	3	8	18 5
East Portal ^{††} .	Wasatch.	7,650	2	66.5 - 0.2	83	8	33	24	45	0.76	0.37	0	4	23	8 0
Elberta.	Utah.	4,650	12	73.4 - 0.3	98 ^t	10 ^t	46	2	48	0.29 - 0.38	0.23	0	2	25	6 0 S.
Emery.	Emery.	6,200	13	62.2 - 3.4	82	26 ^t	41	30	38	0.20 - 1.28	0.20	0	1	10	20 SW.
Farmington.	Davis.	4,268	13	67.4 + 2.3	99 ^t	10	49 ^t	44 ^t	44 ^t	0.00	0.00	0	0	25 ^t	24 ^t 0 ^t NW.
Ft. Duchesne.	Millard.	5,100	22	75.7 + 1.2	101	9	47	1 ^t	47	0.11 - 0.75	0.08	0	3	1	1 J. Starkey.
Fruitland.	Uinta.	4,941	26	69.8 + 0.3	92	3 ^t	43	25	44	0.24 - 0.46	0.17	0	2	26	4 1 W.
Garfield.	Duchesne.	6,725	4	74.2 + 0.2	93	1	42	23	33	0.23	0.10	0	3	1	J. E. L. Carey.
Garrison.	Boxelder.	4,248	2	74.2 + 0.2	94 ^t	10	50 ^t	1	41 ^t	0.08	0.08	0	1	29	2 0
Government Creek ^{††} .	Millard.	4,850	10	74.2 + 0.2	94 ^t	10 ^t	50 ^t	1	41 ^t	0.08	0.08	0	1	27	3 1 S.
Green River.	Tooele.	5,277	13	74.2 + 2.6	96	9 ^t	46	1	40	0.10 - 0.96	0.10	0	1	27	3 1 S.
Hanksville.	Emery.	4,080	14	77.2 + 0.5	103	9 ^t	50	17	47	0.06 - 0.66	0.06	0	1	17	14 0 SW.
Heber.	Wayne.	4,200	3	72.6 - 0.2	100	9 ^t	43	29	55	0.04	0.04	0	1	24	3 1 SW.
Henefer.	Summit.	5,593	21	64.4 - 0.2	92	10 ^t	35	1	53	0.00 - 1.00	0.00	0	0	24	7 0 S.
Ibapah.	Tooele.	5,301	14	64.4 + 0.5	93	9 ^t	36	1	56	0.09 - 1.12	0.04	0	3	18	7 6 W.
Josepha.	Tooele.	7,500	9	68.0 - 0.2	97	9 ^t	36	1	55	0.12 - 0.16	0.05	0	3	18	13 0 SW.
Kanab.	Kane.	4,356	3	64.4 - 0.2	101	1	43	19 ^t	0.16	0.16	0	1	26	5 0 S.	
La Sal.	Boxelder.	4,236	34	72.4 - 3.7	96	10 ^t	47	29	49	0.24	0.20	0	2	2	P. F. Klock.
Leeds (near) ^{††} .	Washington.	7,000	11	70.7 + 4.1	89	22	58	15 ^t	24	0.25 - 0.98	0.13	0	3	28	3 0
Lehi.	Utah.	3,400	24	73.7 - 0.2	98	12	60	1	33	0.28	0.28	0	1	12	6 13
Lemay.	Boxelder.	4,550	1	72.4 - 0.2	98 ^t	11	46 ^t	2	47	0.52	0.50	0	2	19 ^t	7 ^t 9 ^t NW.
Levan.	Juab.	4,221	3	78.9 - 0.2	96	9 ^t	58	22 ^t	34	0.00	0.00	0	1	17	14 0 SW.
Logan.	Cache.	5,010	24	69.7 - 0.2	93 ^t	10	48 ^t	17	39	0.25 - 0.64	0.13	0	3	15 ^t	9 ^t 2 ^t
Low ^{††} .	Tooele.	4,602	3	77.8 - 0.2	93	10 ^t	49	1	38	T - 0.76	T	0	0	29	2 0
Lower American Fork ^{††} .	Utah.	5,063	7	75.2 - 0.2	97 ^t	12	47	12	40	0.00	0.00	0	0	13 ^t	6 ^t
Lower Mill Creek ^{††} .	Salt Lake.	.....	.....	77.0 - 0.2	95	20	54 ^t	1	34	0.65	0.53	0	2	19	9 3 D.
Lucin.	Boxelder.	.....	1	77.0 - 0.2	95	9 ^t	52	1	32	T	T	0	0	14	11 6 S.
Manila.	Uinta.	4,504	7	73.2 - 0.2	99	30	46	1 ^t	47	0.00	0.00	0	0	27	4 0 W.
Manti.	Sanpete.	6,225	4	64.7 - 0.2	95	22	39	26 ^t	49	0.13	0.13	0	1	24	7 0
Marysvale.	Platte.	5,575	19	67.1 - 1.1	91	10 ^t	40	2	44	0.47 - 0.18	0.26	0	3	2	J. M. Anderson.
Meadowville ^{††} .	Rich.	6,180	13	64.8 - 0.2	90	10 ^t	39	2	47	0.23 - 1.27	0.23	0	1	18	12 1 S.
Midlake ^{††} .	Boxelder.	6,200	13	64.0 + 0.8	92	10	40	1 ^t	48	T - 1.00	T	0	0	24	4 3
Midvale.	Salt Lake.	4,235	3	75.6 - 0.2	97 ^t	10 ^t	44	2	56	0.10	0.09	0	0	29	J. S. Moffat.
Milford.	Beaver.	4,365	2	75.6 - 0.2	97 ^t	30	44	2	56	0.10	0.09	0	2	26	E. D. Camillon.
Moab.	Grand.	4,962	6	67.6 - 0.2	99 ^t	9	35 ^t	2	58 ^t	0.01	0.01	0	1	12	10 S.
Modena.	Iron.	4,000	24	74.2 - 1.1	98	5	50	28	45	0.43 - 0.27	0.20	0	5	10	18 3
Monticello.	San Juan.	5,479	13	69.6 + 1.0	93	20	45	24	43	0.16 - 1.37	0.32	0	3	26	5 0 W.
Morgan.	Morgan.	7,050	6	65.7 - 0.2	95 ^t	10 ^t	40 ^t	16	38 ^t	0.30	0.15	0	3	22	E. H. Barton.
Mossida.	Sanpete.	6,000	6	70.3 - 0.2	95 ^t	24 ^t	50	15	38 ^t	0.93	0.39	0	4	8 ^t	B. F. Eliason.
Mountain Home.	Utah.	4,510	2	70.1 - 0.2	94	14	46	3	45	0.43	0.14	0	0	19	Oscar Wilkins.
Nephil (near).	Duchesne.	6,000	1	67.6 - 0.2	88 ^t	24	42 ^t	2	36	0.59	0.30	0	5	19	J. W. Jones.
Oak City.	Juab.	5,119	9	70.8 - 0.2	97	10	43	2	46	0.21	0.11	0	0	3 ^t	Jos. L. Anderson.
Orden.	Weber.	4,900	7	69.8 + 2.1	99	4	46	1	37	0.00	0.00	0	0	23	Ralph Shorten.
Panguitch.	Weber.	4,310	20	69.8 + 2.1	99	10	43 ^t	2	48	0.00 - 0.60	0.00	0	0	17	H. L. Strembel.
Park City.	Garfield.	6,560	2	64.0 + 1.6	101	10	50	1	37	0.06 - 0.52	0.03	0	2	28	Floyd Fitzgerald.
Parowan.	Summit.	7,000	14	70.4 + 1.2	93	9	48	24	38	0.33 - 1.06	0.15	0	4	22	Alex Matheson.
Pine View ^{††} .	Washington.	6,835	18	68.8 - 0.2	91 ^t	29	32 ^t	1	52 ^t	0.00	0.00	0	0	0	Granville Deming.
Pinto.	Carbon.	5,007	16	64.8 + 0.2	94 ^t	9	38 ^t	3	52 ^t	0.10 - 1.85	0.10	0	1	64	J. H. Harrison.
Price.	Utah.	5,557	3	70.5 - 0.2	93	28	40	25	40	0.06	0.04	0	0	2	17 ^t
Riverville ^{††} .	Sevier.	5,620	20	69.2 - 1.6	96	10	47 ^t	24	38	0.00 - 1.05	0.17	0	0	1	Reclamation Service.
Riverville ^{††} .	Wayne.	4,220	11	74.5 + 0.3	107	8 ^t	52	19	52	0.16 - 0.62	0.16	0	2	17	13 1 SW.
Sahara ^{††} .	Iron.	4,220	11	74.5 + 0.6	98 ^t	4	60 ^t	2	22 ^t	0.07 - 0.82	0.06	0	2	16	Eugene Bone.
Saltair.	Washington.	2,880	27	80.4 - 0.3	107	8 ^t	52	19	52	0.16 - 0.62	0.16	0	3	27	3 1 SW.
SALT LAKE CITY.	Salt Lake.	4,220	11	74.5 + 0.6	98 ^t	10	40	1	46	0.00	0.00	0	1	26	1 4 Ray Smith.
Santaquin.	Utah.	4,360	40	78.0 + 1.2	98	10	56	1	32	T - 0.78	T	0	0	17	E. J. Bench.
Scipio.	Millard.	5,250	1	73.4 - 0.2	95	10	51	2 ^t	42	0.63	0.03	0	0	17	14 0 se.
Scofield.	Carbon.	5,260	19	68.8 + 0.3	95	10 ^t	38	21	63	0.26 - 0.73	0.15	0	3	15	11 5 SW.
Snake Creek ^{††} .	Wasatch.	5,950	1	64.3 - 0.2	90	10	38	1 ^t	48	0.39	0.17	0	5	19	B. Newman.
Snowville.	Boxelder.	.....	12	70.2 + 3.0	98	74	40	1	52	0.00 - 0.48	0.00	0	0	30	J. C. Cutler.
Spanish Fork.	Washington.	4,585	5	74.6 - 0.2	97	21	47	19	46	0.20	0.11	0	3	21	6 4 Reclamation Service.
Springdale.	St. George.	3,500	6												

AUGUST, 1915.

CLIMATOLOGICAL DATA: UTAH SECTION

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Daily Precipitation for August, 1915.

Continued on page 70.

August, 1915.

Daily Temperatures for August, 1915.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

$\frac{1}{k}$, $\frac{2}{k}$, $\frac{3}{k}$, etc., indicate respectively 1, 2, 3, etc., days missing from record.

Total Precipitation, Inches, August, 1915.



CLIMATOLOGICAL DATA: UTAH SECTION

AUGUST, 1915.

Daily Precipitation for August, 1915.

Continued from page 67.

Stations.	Day of month.																													Total			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
Richmond							T.																										0.05
Riverdale							T.	.08																								0.08	
Sahara							T.																									0.16	
St. George							T.																									0.16	
Saltaire							T.																									0.16	
SALT LAKE CITY ***							T.																									0.07	
Santaquin							T.	T.	.03																						T.		
Scipio							T.																									0.05	
Scipio (near)							.02																								T.	0.05	
Seecfield							(C)																									0.26	
Silver City							(C)																									0.26	
Silver Lake																																	0.26
Snake Creek																																	0.49
Snowville																																	0.50
Spanish Fork																																	0.22
Springdale																																	0.29
Standrod																																	0.64
Summysiside																																	0.30
Teasdale																																	0.40
Thistle																																	0.37
Thompson																																	0.29
Tooele																																	0.05
Tremonton																																	0.06
Tropic																																	0.06
Trout Creek Ranger																																	1.22
University of Utah																																	2.00
Utah Experiment Station																																	0.00
Vernal																																	0.91
Victor																																	T
Wendover																																	0.00
Whiskey Creek																																	0.00
Winder																																	0.00
Woodruff																																	0.28
Woodside																																	0.20

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation.

||| Precipitation measured in the morning; amount then recorded is for the preceding 24 hours.

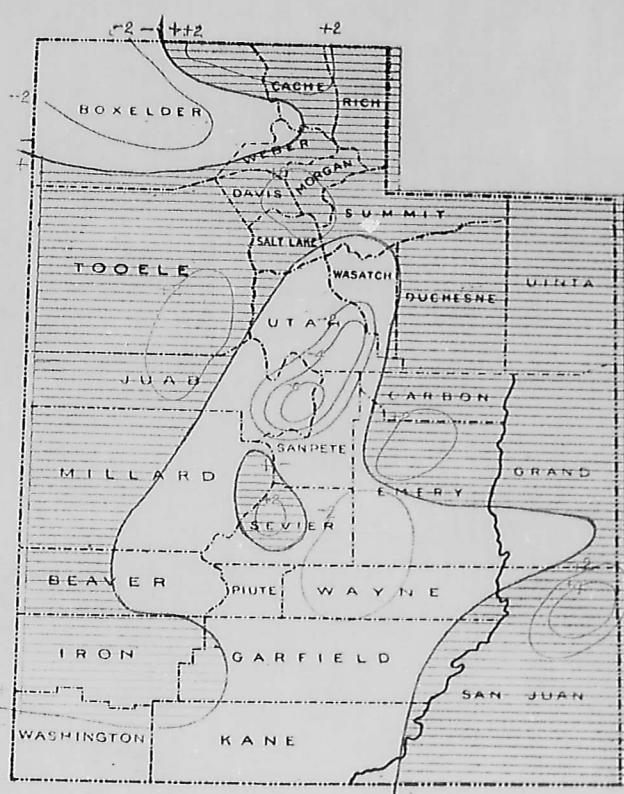
*** Regular Weather Bureau station; precipitation is for the 24 hour period, midnight to midnight.

* Precipitation included in the next following measurement. † Separate dates of falls not recorded. T. Indicates Trace, or less than 0.01 inch of rain or melted snow.

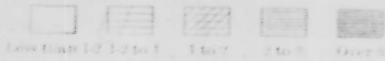
All stations are in the Great Basin except those marked (C) which are in the Colorado River drainage area.

Departure of Mean Temperature from the Normal, August, 1915.

Total Precipitation, inches, August, 1915.



SCALE OF SHADES—IN INCHES



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U. S. DEPARTMENT OF AGRICULTURE
WEATHER BUREAU

CHARLES F. MARVIN, CHIEF

CLIMATOLOGICAL DATA

UTAH SECTION

SEPTEMBER, 1915

BY
ALFRED H. THIESSEN
SECTION DIRECTOR

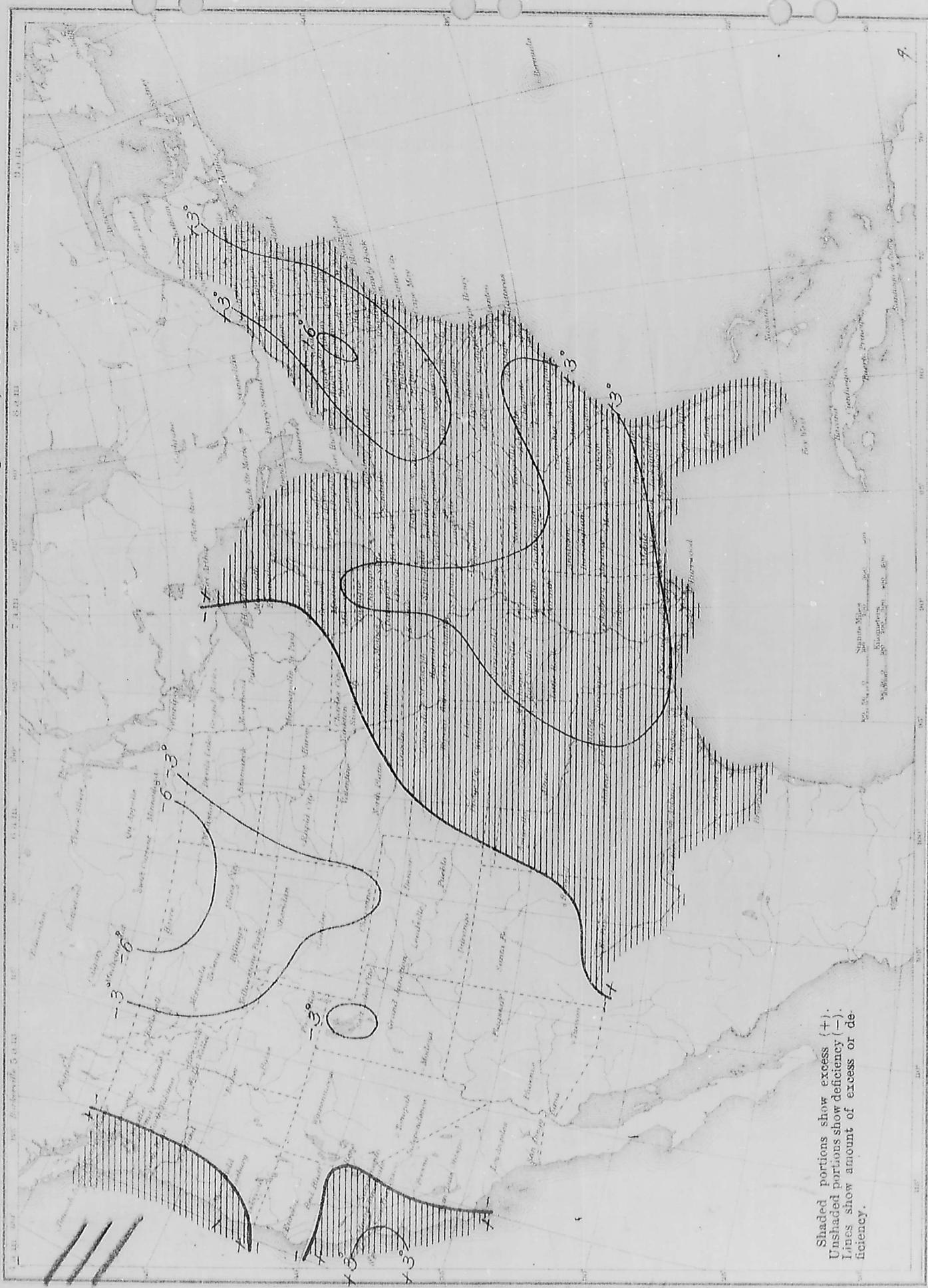


SALT LAKE CITY, UTAH
WEATHER BUREAU OFFICE

OCTOBER 20, 1915.

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Departure of the Mean Temperature from the Normal, September, 1915.



Shaded portions show excess (+).
Unshaded portions show deficiency (-).
Lines show amount of excess or deficiency.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

UTAH SECTION.

ALFRED H. THIESSEN, Section Director.

VOL. XVII. SALT LAKE CITY, UTAH, SEPTEMBER, 1915. No. 9.

GENERAL SUMMARY.

The summer of 1915 will long be remembered as one of the driest ever experienced in Utah. The drought began in the second decade of June and continued until September when rain fell generally from the 1st to the 4th. At Salt Lake City there was only .09 inch for 86 days, from June 7th to August 31st. This was the longest drought recorded in that city for amounts of .10 inch or less of rain.

The temperatures for September averaged below normal, but the precipitation was above. This month was favorable for farm work, the rain put the ground in good condition for plowing and seeding, but there were killing frosts at many places damaging garden truck and alfalfa seed. The ranges at the close of the month were dry, and more moisture was needed. There were some high winds during the month; at Belknap Ranger Station trees were twisted off at the roots and hay stacks blown down.

PRESSURE.

The monthly mean atmospheric pressure for the State, reduced to sea level, was 29.85 inches, obtained from data at Salt Lake City and Modena.

The highest was 30.21 inches at Salt Lake City on the 18th. The lowest was 29.33 inches at Modena on the 24th.

TEMPERATURE.

The monthly mean temperature for the State as determined from 72 stations was 58.1° , which is 1.0° below the normal. The cool weather was, however, not general. In the extreme northeast portion of the State, and the greater portions of San Juan, Grand, Sevier and Cache counties the temperatures averaged above normal. The greatest plus departure was 4.5° at Richfield whose monthly mean temperature was 60.4° ; while the greatest deficiency was 5.0° at Corinne whose monthly mean was 60.0° . The highest temperature for the month occurred generally on the 1st and from the 20th to the 23d. Very few stations reported temperatures over 90° , but most of them were over 80° ; the highest for the month was 100° at Midvale on the 1st. The minimum temperatures at nearly every station were below freezing and occurred generally from the 13th to the 16th, at which period killing frosts were reported in nearly every section of the State. The lowest temperature reported was 16° on the 15th at Ibapah.

HUMIDITY.

At Salt Lake City the mean relative humidity at 6 a. m. was 52 per cent, and at 6 p. m. 37 per cent. At Modena at 6 a. m. it was 57 percent, and at 6 p. m. 24 per cent.

PRECIPITATION.

The precipitation for the State averaged 1.93 inches, which is 0.65 inch above normal. Most stations reported good amounts, ranging from 0.34 inch at Lemay to 7.94 inches at Silver Lake. The heaviest precipitation occurred in the northeast counties, and the least in the northwestern and extreme southeastern portions of the State. There were three distinct periods of rainfall during the month: 1st-4th, 11th-12th and 24th-26th, the first being the most important as the heaviest falls generally occurred at that time and as it marked the end of the prolonged summer

drought. At the individual stations the monthly amounts were usually above normal, the greatest plus departure being 2.80 inches at Ogden where 3.59 inches fell during the month, and the greatest deficiency, 0.54 inch at Tropic, where only 0.84 inch was recorded. The greatest 24-hour rainfall was 1.93 inches at Logan and 1.92 inches at Millville, both occurring on the 2d. Traces of snow fell this month at a few of the higher stations, and larger amounts on the high mountain peaks.

WIND.

The prevailing direction of the wind for the State was from the southwest. The average velocity at Salt Lake City was 7.7 miles per hour; the highest 46 miles per hour from the northwest on the 1st; and the prevailing direction from the southwest. At Modena the average velocity was 10.5 miles per hour; the highest 48 miles per hour from the south on the 24th; and the prevailing direction from the southwest.

SUNSHINE AND CLOUDINESS.

The monthly percentage of possible sunshine was 69 at Salt Lake City, and 78 at Modena.

For the State the average number of clear days was 16; partly cloudy, 7; and cloudy, 7.

NOTE:—The names of the stations at Dragon (near) and Scipio (near) were changed to Watson (near) and Lake View Farm, respectively. There was no change in the location of instruments. The station at Hayden was moved two and one-half miles northwest of its former location.

COMPARATIVE DATA FOR SEPTEMBER.

Year.	Temperature.			Average precipitation.	Number of days				
	Mean	Highest	Lowest		Total snowfall.	Rainy (0.01 inch or more).	Clear.	Partly Cloudy.	Cloudy.
1891	67.0	104	28	1.89	0	6	.....	.....	.....
1892	64.6	102	20	0.69	0	1	.....	.....	.....
1893	58.0	99	12	0.84	.....	3	19	7	4 SW.
1894	57.0	102	13	1.35	.1	4	17	8	5 SW.
1895	60.8	103	9	0.60	1.4	3	20	7	3 SW.
1896	61.0	110	16	1.00	0	4	16	9	5 SW.
1897	62.2	100	25	1.64	0	6	14	9	4 SW.
1898	61.0	102	18	0.10	0	0	24	5	1 SW.
1899	65.3	103	22	0.05	0	0	24	4	2 SW.
1900	57.4	96	10	1.26	2.1	5	19	6	5 SW.
1901	59.3	100	11	0.21	.2	1	25	3	2 SW.
1902	60.1	103	10	0.56	0	2	21	5	4 SW.
1903	58.5	103	16	0.90	.4	4	17	5	6 SW.
1904	61.1	102	20	0.40	0	3	17	8	5 SW.
1905	60.7	104	12	2.10	.4	5	18	6	8 SW.
1906	59.6	99	20	1.33	T.	4	19	6	5 SW.
1907	60.4	111	17	0.44	T.	2	18	8	4 SW.
1908	69.3	102	8	1.87	T.	5	18	6	6 SW.
1909	60.1	106	20	1.69	T.	6	15	10	5 SW.
1910	63.1	114	12	1.35	0	6	16	7	7 SW.
1911	61.6	102	15	1.84	.3	5	14	8	8 SW.
1912	64.7	98	8	0.67	.2	3	17	8	5 SW.
1913	59.5	101	12	1.28	0	6	15	8	2 SW.
1914	61.1	100	18	0.48	.2	3	18	7	5 SW.
1915	78.3	100	16	1.70	T.	5	16	5	8 SW.

GREAT SALT LAKE WATER LEVEL RECORDS AT SALT AIR.

(Feet and tenths.)

Zero of gage is 4212.9 feet above sea level.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
1915.	1st	45.6	+5.7	+6.0	+6.2	+6.3	+6.3	+6.0	+5.5	+5.0

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CLIMATOLOGICAL DATA: UTAH SECTION

SEPTEMBER, 1915.

Climatological Data for September, 1915.

Stations.	Counties.	Temperature, in degrees Fahr.						Precipitation, inches.	Number of days	Observers.									
		Elevation, feet.	Length of record, years.	Mean.	Departure from the normal.	Highest.	Lowest.												
		Date.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.												
Alton.	Kane.	12	53.8	76	1	27	25	35	1.80	1.43	0	5	19	9	2	sw.	Wm. M. Cox.		
Beaver.	Beaver.	6,000	10	59.4	+ 0.3	90	22	23	25 ^a	54	1.45 + 0.28	1.34	0	2	14	8	s.	S. Z. Jenkins.	
Black Rock.	Millard.	4,872	11	59.4	+ 0.3	90	21	81	22 ^b	32	14	45	1.50	0	2	20	4	Agent Salt Lake Route.	
Blanding.	San Juan.	6,000	7	60.2	-	89	21 ^c	23	14	45	0.50	0	1	27	0	8.	E. F. Thompson.		
Bluff.	San Juan.	4,200	2	63.4	-	86	23	40	14	40	0.50	0.50	0	1	27	0	E. L. Goodridge.		
Brigham City.	Boxelder.	4,305	2	60.6	-	89	8	33	14	46	4.48	1.21	0	10	10	6	N. Merrill Valentine.		
Burville.	Sevier.	6,800	3	-	-	-	-	-	-	-	-	-	-	-	-	-	F. R. Curtis.		
Castle Dale.	Emery.	5,500	15	-	-	-	-	-	-	-	-	-	-	-	-	-	Miss Zeila Jeffs.		
Cedar City†.	Iron.	5,750	10	-	-	91	19	-	-	-	0.54	-0.43	0.25	0	4	21	4	Parley Bailey.	
Center.††	Tooele.	4,250	3	-	-	-	-	-	-	-	-	-	-	-	-	-	L. C. Peterson.		
Deseret.	Boxelder.	4,240	44	60.0	- 5.0	90	1	28	15	41	3.19	+ 2.51	1.00	0	18	5	7	A. C. Murphy.	
Duchesne.	Millard.	4,541	19	60.8	+ 0.6	89	20 ^d	27	30	50	0.69	-0.18	0.41	0	2	23	3	S. W. Western.	
East Portal.††	Duchesne.	5,515	7	57.2	-	88	1	24 ^e	14	48 ^f	2.13	-	0.87	0	7	14	9	E. F. Thompson.	
Elberta.	Wasatch.	7,650	2	47.2	-	80	1	21	14	42	2.91	-	0.80	0	10	15	6	E. L. Goodridge.	
Emery.	Utah.	4,650	12	60.8	- 2.3	90	1	30	15	42	1.76	+ 0.85	0.94	0	7	17	7	D. C. Walker.	
Farmington.	Emery.	6,200	13	56.4	+ 0.2	85	23	28	14	44	1.84	+ 0.72	1.04	0	3	3	6	H. C. Wickman.	
Fillmore.	Davis.	4,268	13	-	-	-	-	-	-	-	-	-	-	-	-	-	Chas. Boylin.		
Ft. Duchesne.	Millard.	5,100	22	63.4	- 1.5	90	20 ^g	31	14	41	1.54	+ 0.32	1.40	0	6	-	-	J. J. Starkey.	
Fruitland.	Duchesne.	4,941	26	59.8	- 0.7	88	14 ^h	28	14	46	2.56	+ 1.48	0.67	0	9	17	8	Geo. W. Dickson.	
Garland.	Boxelder.	6,725	4	57.0	-	85 ⁱ	23	27 ^j	13	41 ^k	3.05	-	1.10	0	6	20	3	J. E. L. Carey.	
Garrison.	Millard.	4,850	10	-	-	-	-	-	-	-	-	-	-	-	-	-	J. T. Roberts.		
Government Creek.††	Tooele.	5,277	13	59.8	- 0.9	87	22	29	14	41	1.42	+ 0.47	0.59	0	4	16	7	E. M. Smith.	
Green River.	Emery.	4,080	14	60.0	0.0	98	1	34	14	45	0.86	-0.01	0.36	0	4	17	10	Walter James.	
Hanksville.	Wayne.	4,200	3	62.6	-	97	1	31	14	53	1.01	-	0.50	0	4	22	6	E. E. Adams.	
Heber.	Wasatch.	5,593	21	53.2	- 1.9	85	1	25	14 ^l	46	2.24	+ 1.15	0.60	0	9	13	10	F. J. Weber.	
Henefer.	Summit.	5,301	14	54.2	- 0.4	84	1	26	15	50	3.50	+ 1.30	1.44	0	8	13	6	John Crook.	
Iabaph.	Tooele.	7,500	9	55.7	-	88	22	16	15	58	0.49	-	0.32	0	4	20	9	1	Wm. Brewster.
Josepa.	Tooele.	4,356	3	-	-	-	-	26	13	0.75	-	0.37	0	4	24	6	0	W. M. Chastain.	
Kanab.	Kane.	4,925	6	-	-	-	-	-	-	-	-	-	-	-	-	-	James K. Halemann.		
Kelton.	Boxelder.	4,236	34	57.8	- 2.8	87	1	24	14 ^m	46	0.41	-0.07	0.32	0	2	5	7	D. D. Rust.	
La Sal.	San Juan.	7,000	11	61.0	+ 2.0	80 ⁿ	1	38 ^o	30	21 ^p	1.70	+ 0.53	1.43	0	4	10	9	F. W. Klock.	
Leeds (near).††	Washington.	3,400	2	-	-	-	-	45	14 ^q	0.60	-	0.49	0	2	19	4	La Sal Live Stock Co.		
Lehi.	Utah.	4,550	1	60.2	-	88 ^r	22	30 ^s	15	50	1.16	-	0.60	0	5	15	6	B. F. Anderson.	
Lemay.††	Boxelder.	4,221	3	63.1	-	86	22	42	16 ^t	32	0.34	-	0.12	0	3	17	8	Joseph Anderson.	
Levan.	Juab.	5,010	24	58.8	- 1.2	84	22	32	14	37	1.93	+ 0.66	0.89	0	4	18	5	Ast. Southern Pacific Co.	
Logan.	Tooele.	4,507	23	61.2	+ 0.2	88	1	34	14	37	3.44	+ 2.32	1.93	0	2	18	6	John C. Jensen.	
Low.††	Utah.	4,602	3	52.0	-	81	21	29	14 ^u	36	1.50	-	1.50	0	1	17	4	Experiment Station.	
Lower American Fork.††	Boxelder.	5,063	1	62.2	-	87 ^v	20	36 ^w	14	49 ^x	2.13	-	1.06	0	6	19	5	Ast. Western Pacific Co.	
Lower Mill Creek.††	Salt Lake.	1	62.4	-	86	21	37	14	48	1.98	-	1.00	0	7	10	7	Utah Light & Power Co.		
Lucin.	Boxelder.	4,504	7	59.0	-	91	1	23	14	45	0.55	-	0.22	0	4	20	2	D. Folker.	
Manilla.	Uinta.	6,225	4	50.0	-	83 ^y	1	25 ^z	13 ^{aa}	46 ^{bb}	2.05	-	1.05	0	7	11	8	E. C. Puryear.	
Marysvale.	Pluto.	5,575	19	56.6	- 2.6	84	23	26	14	43	1.15	- 0.53	0.53	0	8	9	D. M. Nelson.		
Meadowville.††	Garfield.	6,180	13	57.0	- 1.1	81 ^{cc}	22	24 ^{dd}	14	47 ^{ee}	3.29	+ 2.07	1.05	0	4	13 ^{ff}	10 ^{gg}	J. M. Anderson.	
Midlake.††	Boxelder.	6,200	13	53.1	- 0.6	84	1	25	14	48	1.8	0.40	0.25	0	8	16	5	A. Soysa.	
Midway.	Salt Lake.	4,235	3	63.7	-	80 ^{hh}	14 ⁱⁱ	48	14 ^{jj}	41	1.30	-	0.58	0	5	13	4	J. S. Moffat.	
Millford.	Boxelder.	4,365	2	63.0	-	100 ^{kk}	1	30	15	52	1.31	-	0.52	0	8	18	5	Stella M. Gibson.	
Moab.	Grand.	4,000	24	67.2	+ 3.1	91	1	37	14	45	1.08	- 0.01	0.59	0	4	11	15	E. D. Cannon.	
Modena.	Iron.	5,479	13	58.8	- 1.4	84	20	30	39	42	1.44	+ 0.32	1.28	0	4	19	6	Delta Land & Water Co.	
Mouticello.	San Juan.	7,050	6	56.8	-	77 ^{ll}	21	30	13	39	1.55	-	1.30	0	4	15	12	Henry Cross.	
Morgan.	Sanpete.	5,068	6	55.4	-	-	-	-	-	-	-	-	-	-	-	-	U. S. Weather Bureau.		
Moroni.	Utah.	6,000	6	55.4	-	84 ^{mm}	21 ⁿⁿ	30 ^{oo}	11 ^{pp}	37	1.77	-	0.85	0	6	11	7	E. H. Barton.	
Mosida.	Mountain Home.	4,510	2	59.8	-	90	22	32	23	41	1.24	-	0.74	0	7	12	8	G. H. Ruble.	
Nephi (near).	Duchesne.	6,000	1	57.5	-	83	14 ^{qq}	32	15 ^{rr}	43	3.16	-	1.05	0	7	17	9	B. F. Ellison.	
Oak City.	Juab.	5,119	9	58.5	-	87	21 ^{tt}	28	14 ^{uu}	47 ^{vv}	1.30	-	0.58	0	5	13	4	Mosida Fruit Lands Co.	
Ogden.	Millard.	4,900	7	58.0	-	96	1	30	15 ^{ww}	49 ^{xx}	1.87	+ 1.11	0.95	0	6	15	10	Oscar Wilkins.	
Panguitch.	Weber.	4,310	43	62.0	- 2.6	92	21	34	15	39	3.59	+ 2.80	1.25	0	10	22	3	J. W. Jones.	
Park City.	Garfield.	6,560	2	52.9	-	81	1	23	29	49	0.80	-	0.40	0	2	25	1	Ralph Shorten.	
Parowan.	Summit.	7,000	14	-	-	-	-	-	-	-	-	-	-	-	-	-	Floyd Fitzerald.		
Pasadena Ranch†.	Iron.	5,070	23	60.0	+ 0.1	85	20	32	14	38	0.93	- 0.25	0.83	0	3	20	5	Alex Matheson.	
Pine View.††	Tooele.	5,131	-	-	-	-	-	-	-	-	0.70	-	0.66	0	2	22	7	W. S. Hall.	
Pinto.	Summit.	6,335	2	549.0	-	82 ^{yy}	2	23	15	46 ^{zz}	3.00	-	1.50	0	5	-	-	Granville Denning.	
Price.	Washington.	5,907	16	54.6	- 1.6	90	1	22	25	50	1.08	- 0.44	0.60	0	2	17	10	J. H. Harrison.	
Provo.	Carbon.	5,557	3	62.3	-	87 ^{aa}	1	30 ^{bb}	14	44 ^{cc}	1.72	-	0.64	0	3	17	6	Water Bass.	
Richfield.	Sevier.	4,532	20	58.9	- 1.6	90 ^{dd}	1	30	15 ^{ee}	47 ^{ff}	1.87	+ 1.11	0.95	0	6	15	10	Reclamation Service.	
Riverville.††	Summit.	5,350	20	60.4	+ 4.5	91	21	26	14	40	0.63	- 0.39	0.21	T.	5	6	11	19	Henry Cullum.
St. George.	Grand.	5,150	2	58.8	- 2.1	87	1	25	14	47	5.13	+ 0.63	0.56	0	9	14	4	John I. Hayes.	
Saltair.	Tooele.	4,220	11	61.2	- 2.1	87	1	34	14	36	2.43	+ 1.46	1.37	0	6	5	8	E. A. Bonelli.	
SALT LAKE CITY.	Washington.	4,360	40	02.4	- 2.7	86	21	40	15	31	1.60	- 0.75	0.66	0	10	13	10	J. C. Cutler.	
Santaquin.	Utah.	5,250	1	59.5	-	87	21	33	14	35	0.96	-	0.47	0	7	15	9	F. G. Gilford.	
Scipio.	Millard.	5,269	19	59.0	- 0.6	92	1	25	14	47	5.2	- 0.17	0.96	0	4	11	3	T. B. Jones.	
Scofield.	Carbon.	7,625	5	56.6	-	75	22	17	14	47	1.59	-	0.68	0	11	15	12	Thomas Meemont.	
Snake Creek.††	Wasatch.	5,950	1	52.8	-	83	1	26	15	42	2.67	-	0.91	0	7	14	6	B. Newren.	
Showville.	Boxelder.	1	12	-	-	-</													

Daily Precipitation for September, 1915.

Daily Temperatures for September, 1915.

Stations.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Black Rock.....	88	85	82	73	80	84	86	82	85	75	80	78	68	61	71	79	85	88	89	89	90	87	81	71	73	77	69	70	76	78	79.1	
Minimum.....	47	45	51	41	40	42	52	41	45	58	60	43	33	28	26	31	35	39	35	38	40	44	36	24	43	50	55	52	53	50.3		
Blanding.....	81	80	80	71	75	80	80	81	77	80	80	76	71	67	69	73	78	75	79	81	80	80	81	70	65	70	70	68	70	70.9		
Burrville.....	57	52	57	49	46	46	55	50	50	53	53	45	45	32	45	41	48	52	52	36	37	37	37	36	40	39	41	41	44	43		
Burrville.....	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55.3	
Castle Dale.....	87	81	71	66	80	79	81	78	85	76	74	76	65	60	74	75	80	76	91	89	85	86	85	70	60	70	80	79	70	70	76.4	
Minimum.....	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55.4	
Corinne.....	90	86	78	68	72	81	85	75	80	75	70	72	68	64	74	71	76	80	81	80	84	82	85	86	66	62	62	68	68	68	74.7	
Minimum.....	61	57	55	50	55	45	50	45	41	45	52	50	42	29	33	59	45	83	84	85	85	85	85	85	85	85	85	85	85	85	85.3	
Deseret.....	84	83	70	73	78	85	83	80	85	76	79	78	63	65	70	78	83	85	88	89	88	88	88	88	88	88	88	88	88	88	88.6	
Duchesne.....	52	54	53	47	44	43	57	45	43	60	60	42	37	35	25	28	33	37	41	39	43	51	40	47	39	32	31	31	31	31	31.3	
Duchesne.....	88	79	61	64	69	79	78	74	81	76	72	67	69	63	68	74	78	81	83	85	82	87	81	79	70	72	71	70	70	70	73.3	
Elberta.....	51	53	47	47	39	40	45	58	36	48	41	43	35	24	30	37	31	42	47	45	41	41	49	48	49	36	37	34	34	34	34.1	
Elberta.....	90	78	76	75	76	84	80	75	87	80	75	75	69	60	67	74	79	83	81	83	88	80	84	84	82	82	82	82	82	82	82.4	
Emery.....	58	54	50	49	43	46	61	44	39	56	44	38	33	36	33	38	43	44	42	46	61	52	45	42	32	32	32	32	32	32	32.4	
Fillmore.....	80	82	81	80	79	77	75	76	78	75	76	75	64	67	68	70	63	73	78	81	87	90	85	90	87	87	87	87	87	87	87.4	
Ft. Duchesne.....	54	54	49	47	49	49	59	47	51	60	51	51	35	31	32	41	46	53	55	55	55	55	55	55	55	55	55	55	55	55	55.4	
Ft. Duchesne.....	88	82	68	66	68	78	80	75	84	76	76	62	60	76	79	82	84	83	85	86	88	85	82	82	82	82	82	82	82	82	82.4	
Fruitland.....	54	53	54	54	52	54	51	57	50	54	51	43	35	28	31	35	37	38	40	40	43	46	46	46	42	34	34	34	34	34.4		
Government Creek.....	85	78	72	68	75	82	78	82	75	72	74	72	67	57	63	73	74	81	82	82	85	87	81	79	75	75	75	75	75	75	74.9	
Minimum.....	56	53	50	44	45	52	58	48	44	39	52	42	38	29	31	37	42	45	52	47	52	59	52	57	52	42	42	42	42	42	42.9	
Green River.....	98	92	81	71	81	87	86	89	84	87	89	82	71	74	83	89	89	90	91	92	94	94	94	94	94	94	94	94	94	94	94.8	
Henefer.....	84	74	67	63	75	81	76	70	79	70	61	61	59	57	55	63	74	77	80	81	81	82	82	82	82	82	82	82	82	82	82.8	
Minimum.....	49	48	46	42	41	36	47	33	31	39	50	45	39	33	26	32	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36.8	
Ibapah.....	84	80	79	74	81	86	83	80	86	79	76	74	56	59	69	79	81	85	86	87	87	87	87	87	87	87	87	87	87	87.8		
Kanab.....	57	54	48	35	40	43	41	34	36	40	53	31	28	19	16	23	29	38	32	38	46	43	40	35	35	35	35	35	35	35.9		
Kelton.....	87	77	73	71	76	83	79	74	76	77	76	60	60	65	70	77	81	82	82	82	82	82	82	82	82	82	82	82	82	82	82.9	
Minimum.....	63	50	44	40	43	41	55	44	37	38	42	39	32	24	24	29	33	35	41	49	45	44	43	43	43	43	43	43	43	43.9		
La Sal.....	80	74	63	60	71	74	72	69	71	71	72	69	54	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61.9		
Minimum.....	65	60	55	48	52	57	50	57	51	60	61	58	58	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52.9		
Leeds (near) §§.....	45	50	55	54	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55.1	
Lemay.....	80	70	75	73	78	70	75	76	77	75	73	70	61	65	74	73	75	80	81	82	82	82	82	82	82	82	82	82	82	82	82.9	
Levan.....	65	62	65	58	60	60	55	52	53	60	60	50	45	45	41	42	41	44	45	41	42	41	42	41	42	41	42	41	42	42.4		
Levan.....	80	78	69	64	71	79	77	73	81	71	75	72	67	77	79	80	80	81	81	81	81	81	81	81	81	81	81	81	81	81.4		
Logan.....	57	52	49	47	44	47	55	48	41	41	56	56	46	39	32	33	41	43	45	43	45	45	45	45	45	45	45	45	45	45.2		
Low §§.....	59	56	50	47	49	52	60	50	48	45	53	53	40	34	36	42	46	49	51	60	52	56	51	50	53	54	54	54	54	54.4		
Lucin.....	52	57	67	76	72	65	70	64	62	60	57	51	50	52	56	65	75	72	70	75	71	70	68	68	68	68	68	68	68	68.6		
Lucin.....	45	40	38	41	45	43	40	42	42	39	38	36	31	32	38	31	28	28	27	28	27	28	27	28	28	28	28	28	28	28.6		
Manila.....	60	58	45	43	41	43	50	44	39	34	39	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40.2		
Manila.....	43	55	43	43	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45.4		
Mantle.....	80	76	66	68	73	79	77	73	80	74	74	73	66	62	63	74	77	81	83	84	84	84	84	84	84	84	84	84	84	84.4		
Meadowville.....	50	49	44	42	38	39	49	43	35	48	48	49	49	37	35	26	29	31	33	33	37	37	38	40	43	43	43	43	43	43.9		
Milford.....	55	50	44	41	45	43	35	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36.3		
Milford.....	91	91	87	86	87	83	86	85	86	88	90	86	82	76	87	82	84	90	89	89	89	89	89	89	89	89	89	89	89	89.3		
Moab.....	58	61	62	63	49	49	50	55	52	63	62	61	62	55	48	41	41	46	51	48	42	52	53	54	49	45	45	45	45	45.3		
Modena.....	83	70	66	70	75	78	80	75	72	75	72																					

Total Precipitation Inches, September, 1915.

